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SUPPLEMENT TO THE NIOSH CERTIFIED EQUIPMENT LIST

[redacted]

OCTOBER 1, 1981

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Centers for Disease Control
National Institute for Occupational Safety and Health

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SUPPLEMENT TO THE NIOSH CERTIFIED EQUIPMENT LIST
OCTOBER 1, 1981

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Centers for Disease Control
National Institute for Occupational Safety and Health

October 1981

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SUPPLEMENT TO THE NIOSH CERTIFIED EQUIPMENT LIST

as of

October 1, 1981

Abstract

The National Institute for Occupational Safety and Health, under authorization of the Federal Mine Safety and Health Act of 1977 and the Occupational Safety and Health Act of 1970, provides a testing, approval, and certification program assuring commercial availability of safe personal protective devices and reliable industrial hazard measuring instruments. NIOSH develops improved performance regulations, tests and certifies (or approves) devices, and purchases approved and certified products on the open market to verify the quality of manufacture.

This publication (a) lists products certified after May 1, 1980 prior to October 1, 1981, (b) contains tables of useful information concerning certified coal mine dust personal sampler units, detector tube units, sound level meter sets, respirators, (c) updates the lists of approval applicants, and (e) provides a list of test procedures for certification of the above products.

INTRODUCTION

The Testing and Certification Branch (TCB), Division of Safety Research (DSR), National Institute for Occupational Safety and Health (NIOSH), located at 944 Chestnut Ridge Road, Morgantown, West Virginia 26505, was established to assure that certain devices and instruments used for control and evaluation of occupational hazards meet minimum performance requirements necessary to protect workers' health and safety. The functions of TCB includes: (1) publishing certification requirements, (2) testing and certifying products meeting those requirements, (3) publishing lists of certified products, (4) surveying manufacturers plants to determine the acceptability of their quality assurance programs, (5) sampling products from the open market and testing them for continued conformance to certification requirements, and (6) performing research on development of new test methods and requirements for product improvement, where necessary to assure worker protection.

This publication updates the June 1, 1980, list of devices certified by NIOSH or by NIOSH and the Mine Safety and Health Administration. It does not list any devices formerly approved by the Bureau of Mines. Future certifications will be listed in additional supplements.

Certification applicants have voluntarily withdrawn certain products from the market. This withdrawal is for a variety of reasons, and replacement parts for these products may or may not be available. Other products are currently not being sold. The status of this withdrawal, the availability of parts, and sale of other products is subject to change. Upon manufacturers request only, some products are listed in the osbolete table. NIOSH advises interested persons to call or write TCB (304/599-7337) and request available information on certified products that are not listed in this publication.

NIOSH denied 30 applications between October 1, 1980 and October 1, 1981.

Except as it purchases equipment and supplies on the open market for quality control testing, NIOSH does not have frequent internal use for personal protective equipment. It therefore welcomes information from the user concerning NIOSH certified equipment. These comments and suggestions, responses to this publication, and requests for additional information on certified products can be sent to the Chief, Testing and Certification Branch, Division of Safety Research, NIOSH, 944 Chestnut Ridge Road, Morgantown, West Virginia 26505.

COAL MINE DUST PERSONAL SAMPLER UNITS

I. Certification of Coal Mine Dust Personal Sampler Units.

A coal mine dust personal sampler unit (CMDPSU) consists of a pump, a charger, and a sampling head with a 10 mm nylon cyclone and a preweighted sealed filter cassette. It is used--as a unit--for collecting the mandatory coal mine atmosphere samples as required under the Federal Mine Safety and Health Act of 1977. The sampling requirements are detailed in Title 30, Part 70 of the Code of Federal Regulations.

All certified CMDPSU's must have prior approval by the Mine Safety and Health Administration, Department of Labor, to meet the 2G-2239 Electrical Permissibility requirements. The performance of the CMDPSU's is certified by NIOSH under Title 30, Part 74 of the Code of Federal Regulations. As of July 1, 1980, the following CMDPSU's are certified by NIOSH:

CERTIFICATION NUMBER	CERTIFICATE HOLDER	MODEL
TC-74-015	MSA	G
TC-74-024	Bendix	C-115
TC-74-025	Bendix	Micronair II
TC-74-026	Bendix	BDX - 30/31 (also with tamperproof cassette)
TC-74-027	Bendix	BDX - 44
TC-74-028	MSA	G (tamperproof cassette)

NAMES AND ADDRESSES OF MANUFACTURERS AND DISTRIBUTORS

Bendix Corporation, Environmental & Process Instruments Division, 12345 Starkey Road, Largo, Florida 33540

Mine Safety Appliances Company, 3880 Meadowbrook Road, Murrysville, Pennsylvania 15668

II. Certification of Gas Detector Tube Units

Certified gas detector tube units listed in Table II-2 consist of an aspirating pump, a gas detector tube, and any accessories. The pump has a fixed volume and automatically draws the sample through the tube at a predetermined rate. Because of different flow characteristics and restrictions, pumps and tubes from different manufacturers are not interchangeable and do not give accurate results. The tube contains a chemically treated packing which indicates the contaminant concentration by a chemically produced color change. A primer tube, if packaged in the same box, is considered as part of the gas detector tube as an assembly. Accessories would include such items as a pyrolyzer, primer tubes packaged separately, a stroke counter, special orifices, and a tube reader.

Gases and their concentrations which are certified are listed in Table II-1 below. Units are basically certified under NIOSH Guidelines (NIOSH/TC/A-012 available from Testing and Certification Branch, 944 Chestnut Ridge Road, Morgantown, WV 26505) to an accuracy of ±35% at 1/2 the Test Concentration and ±25% at 1 to 5 times the Test Concentration.

Table II-1. GAS DETECTOR TUBE UNIT CERTIFICATION COMPOUNDS 11/20/81

Gas	CAS Registry Number	Test Conc. (ppm)	Certified Range (ppm)
Acetone	000067641	1000	500 to 5000
Ammonia	007664417	50	25 to 250
Benzene	000071432	10	5 to 50
Carbon Dioxide	000124389	5000	2500 to 25000
Carbon Disulfide	000075150	20	10 to 100
Carbon Monoxide (Range A)	000630080	50	25 to 250
Carbon Monoxide (Range B)	000630080	500	250 to 2500
Carbon Tetrachloride	000056235	10	5 to 50
Chlorine	007782505	1	0.5 to 50
Ethyl Benzene	000100414	100	50 to 500
Ethylene Dichloride	000107062	50	25 to 250
Formaldehyde	000050000	2	1 to 10
Hexane	000110543	500	250 to 2500
Hydrogen Chloride	007647010	5	2.5 to 25
Hydrogen Cyanide	000074908	10	5 to 50
Hydrogen Sulfide (Range A)	007783064	10	5 to 50
Hydrogen Sulfide (Range B)	007783064	100	50 to 500
Methyl Bromide	000074839	15	7.5 to 75
Methylene Chloride	000075092	500	250 to 2500
Nitric Oxide	010102439	25	12.5 to 125
Nitrogen Dioxide	010102440	5	2.5 to 25
Perchloroethylene	000127184	100	50 to 500
Styrene	000100425	100	50 to 500
Sulfur Dioxide	007446095	5	2.5 to 25
Toluene	000108883	100	50 to 500
Trichloroethylene	000079016	100	50 to 500

Table II-2

NIOSH CERTIFIED GAS DETECTOR TUBE UNITS 11/20/81

Calibrated For		Certification	Manufacturer	Model Tube/Pump(s)
Acetone	*	TC-84-054	MSA	460423/83499 or 463998
Ammonia	*	TC-84-023	Gastec	3M/400
Ammonia	*	TC-84-031	Drager	CH20501/31
Ammonia	*	TC-84-032	Kitagawa	105Sc/400
Ammonia	*	TC-84-033	Kitagawa	105c/400
Ammonia	*	TC-84-034	MSA	460103/83499 or 463998
Benzene (A)	*	TC-84-043	Gastec	121/400
Benzene (A)	*	TC-84-044	Drager	67-28071/31
Carbon Dioxide		TC-84-021	Gastec	2L/400
Carbon Dioxide		TC-84-025	MSA	85976/83499 or 463998
Carbon Dioxide		TC-84-026	Kitagawa	126Sa/400
Carbon Dioxide		TC-84-027	Kitagawa	126a/400
Carbon Dioxide		TC-84-029	Drager	CH23501/31
Carbon Disulfide	*	TC-84-066	Drager	67-28351/31
Carbon Monoxide (A)		TC-84-012	Drager	CH25601/31
Carbon Monoxide (A)		TC-84-013	Drager	CH20601/31
Carbon Monoxide (A)		TC-84-014	Gastec	1La/400
Carbon Monoxide (A)		TC-84-015	MSA	91229/83499 or 463998
Carbon Monoxide (A)		TC-84-019	Kitagawa	106S/400
Carbon Monoxide (A)		TC-84-045	Kitagawa	100/400
Carbon Monoxide (A)		TC-84-067	MSA	465519/83499 or 463998
Carbon Monoxide (B)		TC-84-013	Drager	CH20601/31
Carbon Monoxide (B)		TC-84-067	MSA	465519/83499 or 463998
Carbon Tetrachloride		TC-84-036	Gastec	134/400
Chlorine	*	TC-84-041	Gastec	8La/400
Chlorine	*	TC-84-042	MSA	460225/83499
Chlorine	*	TC-84-070	Drager	67-28411/31
Ethyl Benzene	*	TC-84-064	Drager	67-28381/31
Ethylene Dichloride	*	TC-84-058	MSA	461863/83499 or 463998
Hexane (normal)	*	TC-84-063	Drager	67-28391/31
Hydrogen Chloride		TC-84-071	Drager	CH29501/31
Hydrogen Cyanide		TC-84-051	Drager	CH25701/31
Hydrogen Cyanide	*	TC-84-052	Kitagawa	112Sb/400
Hydrogen Cyanide	*	TC-84-068	Gastec	12 L/400
Hydrogen Sulfide (A)		TC-84-020	Gastec	4LL/400
Hydrogen Sulfide (A)		TC-84-022	MSA	460058/83499 or 463998
Hydrogen Sulfide (A)		TC-84-024	Drager	67-19001/31
Hydrogen Sulfide (A)		TC-84-037	Kitagawa	120b/400
Hydrogen Sulfide (B)		TC-84-062	Drager	CH29801/31
Hydrogen Sulfide (B)		TC-84-072	MSA	463875/83499 or 463998
Methyl Bromide	*	TC-84-056	Drager	67-28211/31
Methylene Chloride	*	TC-84-061	Drager	67-28331/31
Nitric Oxide	*	TC-84-048	Drager	CH31001/31
Nitric Oxide	*	TC-84-049	Gastec	10/400
Nitric Oxide	*	TC-84-059	MSA	460424/83499 or 463998

NIOSH CERTIFIED GAS DETECTOR TUBE UNITS 11/20/81

Calibrated For	Certification	Manufacturer	Model Tube/Pump(s)
Nitrogen Dioxide	* TC-84-016	Drager	CH30001/31
Nitrogen Dioxide	* TC-84-018	Gastec	9L/400
Nitrogen Dioxide	* TC-84-040	MSA	83099/83499 or 463998
Nitrogen Dioxide	* TC-84-048	Drager	CH31001/31
Perchloroethylene	* TC-84-065	MSA	460467/83499 or 463998
Sulfur Dioxide	* TC-84-017	Gastec	5La/400
Sulfur Dioxide	TC-84-028	Kitagawa	103Sd/400
Sulfur Dioxide	TC-84-030	Drager	CH31701/31
Sulfur Dioxide	TC-84-035	Kitagawa	103d/400
Sulfur Dioxide	TC-84-046	MSA	92623/83499 or 463998
Sulfur Dioxide	TC-84-069	Drager	67-28491/31
Toluene	TC-84-050	Drager	CH23001/31
Toluene	TC-84-053	Gastec	122/400
Toluene	TC-84-057	MSA	461371/83499 or 463998
Trichloroethylene	TC-84-038	Gastec	132H/400
Trichloroethylene	TC-84-039	Drager	CH24401/31
Trichloroethylene	TC-84-055	MSA	460328/83499 or 463998

* The unit indicates a general class of compounds (amines,hydrocarbons strong oxidents, etc.) to differing degrees. The calibration is certified only for the compound listed.

NAMES AND ADDRESSES OF MANUFACTURERS AND DISTRIBUTORS

Bendix Corporation, Environmental & Process Instruments Division 12345 Starkey Road, Largo, Florida 33540 (Gastec).

Matheson Gas Products, 1275 Vally Brook Ave., Lyndhurst, NJ 07071 (Kitagawa).

Mine Safety Appliances Co., 3880 Meadowbrook Rd., Murrysville, PA 15668.

National Mine Service Co., 3000 Koppers Bldg., Pittsburgh, PA 15219 (Drager--Mining Industries).

National Drager, Inc., 401 Parkway View Dr., Pittsburgh, PA 15205 (Drager--Non-Mining Industries).

OBSOLETE DETECTOR TUBES

The following detector tubes are no longer available from the manufacturer.

Calibrated for	Certification	Manufacturer	Model Tubes/Pump(s)
Vinyl Chloride	TC-84-060	Gastec	1311/400

RESPIRATORY PROTECTIVE DEVICES

The following respiratory protective devices have been approved by the Mine Safety and Health Administration, Labor Department and the National Institute for Occupational Safety and Health, Department of Health and Human Services, as of October 1, 1981, in accordance with regulations appearing in Title 30, Code of Federal Regulations, Part 11.

Abbreviations used in lists

Respirator Type

A - Hose mask with blower
AE - Hose mask with blower--abrasive
B - Hose mask without blower
BE - Hose mask without blower--abrasive
C - Airline
CE - Airline--abrasive
CF - Continuous flow
CC - Closed circuit
ODM - Open circuit demand type
OPD - Open circuit pressure demand type
GEN - Oxygen generating
Es(ES) - Escape only
SAR - supplied-air respirator
Pw - Powered
Rp - Replaceable filter
Ru - reusable filter
Su - single-use
AG - Acid gas
OV - Organic vapor
Cl - Chlorine
HCl - Hydrogen chloride
SO2 - Sulfur dioxide
CO - Carbon monoxide
NH3 - ammonia
MA - Methyl amine
VC - Vinyl chloride
PEST- Pesticide
PLE - Paint, lacquer, and enamel mists
DFM - (as indicated below):

D - Respirators, either with replaceable or reusable filters, designed as respiratory protection against dusts (1) having a permissible exposure level (measured as a time weighted average) not less than 0.05 milligram per cubic meter of air; or (2) dusts having an air contamination level not less than 2 million particles per cubic foot of air.

F - Respirators, with replaceable filters, designed as respiratory protection against fumes of various metals having a permissible exposure level (measured as a time weighted average) not less than 0.05 milligram per cubic meter.

M - Respirators, with replaceable filters, designed as respiratory protection against mists of materials having a permissible exposure level (measured as a time weighted average) not less than 0.05 milligram per cubic meter or 2 million particles per cubic foot.

H - Respirators, with replaceable filters, designed as respiratory protection against dusts, fumes, and mists having a permissible exposure level (measured as a time weighted average) less than 0.05 milligram per cubic meter, and against radionuclides.

R - Respirators, with replaceable filters, designed as respiratory protection against radon daughters, and radon daughters attached to dusts, fumes, and mists.

A - Respirators, with replaceable filters, designed as respiratory protection against asbestos-containing dusts and mists.

S - Single-use dust respirators designed as respiratory protection against pneumoconiosis- and fibrosis-producing dusts, or dusts and mists.

AB - Abrasive blasting.

Service Life

3 min. - 3 minutes

1 hr. - 1 hour

Breathing Gas

A - Compressed Air

O - Compressed Oxygen

Facepiece Type

ON - Orinasal

FF - Full facepiece

H/H - Hood or helmet

MP(M) - Mouthpiece

Regulator, valve, or canister location

Fm - Facepiece mounted

Bm - Belt, chest, or side mounted

Airflow Class

Cf - Continuous flow

Dm - Demand

Pd - Pressure-demand

Hose Length and Pressure Range

These columns apply only to combination devices with supplied air respirators (airline).

SELF CONTAINED BREATHING APPARATUS (13F)

Extension and *Corrections to Existing Approval 13F

*Corrections to mistakes in June 1, 1980, listing

Extensions and Corrections to Existing Approvals

Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose Length ft.	Pressure range, psi
87	Drager	OXY-SR60A OXY-SR60B	O	60 min.	MP	ES, CC	BM	--	--

NEW APPROVALS 13F

NEW APPROVALS

Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose Length ft.	Pressure range, psi
93	MSA	464775 464777	A	30 min.	FF	OPD, SAR	Bm	50-100	25-300
94	MSA	464776 464778	A	15 min.	FF	OPD, SAR	Bm	50-100	25-300
95	Scott	900460	A	60 min.	FF	ODM	Fm	--	--
96	Scott	900465	A	60 min.	FF	OPD	Fm	--	--
97	PASS	700E	0	60 min.	MP	Es, CC	Bm	--	--
98	Scott	900228-01 900228-02	A	15 min.	FF	OPD, SAR	Fm	25-300	450-550
99	Siebe-Gorman	014422.16	A	30 min.	FF	OPD	Fm	--	--
100	Drager	PA80 P/4500	A	30 min.	FF	OPD	FM		
101	CSE	AU-9A1	0	60 min.	MP	Es	Bm		
102	ISI	707.114.00	A	30 min.	FF	OPD	Fm	--	--
103	Draeger	PA-80-22	A	30 min.	FF	OPD	Fm	--	--
104	Ocenco	EBA 6.5	0	60 min.	MP	ES	Bm	--	--
105	Survivair	9846-20 9846-22	A	60 min.	FF	OPD	Bm	--	--
106	Bendix	7010000-1 7010000-2	A	30 min.	FF	OPD	Fm	--	--
107	Globe	2840-W	A	30 min.	FF	OPD	Bm	-	--

Approval number TC-13F-	Approval issued to	Model number(s)	Breathing gas	Service life	Facepiece type	Apparatus type	Regulator position	Hose Length ft.	Pressure range, psi

Gas Masks (14G)

New Gas Mask Approvals

Approval number TC-14G-	Approval issued to	Model number(s)	Respirator type	Face-piece type	Type of respiratory protection 3/										
					OV	Cl	SO2	CO	NH3	MA	VC	PEST	DFM	AG	H2S	PH3
111	Norton	7604L 7604LS	FM	FF					X							
112	MSA	469039, 469040	FM, ES	FF	X	X			X				DFM			
113	MSA	468921	FM, ES	ON			X						H			
		(combination type C, cont. flow 35-40 psig; 25-300 ft. hose)														
114	MSA	468922	FM, ES	ON			X						H			
		(combination type C, cont. flow 35-40 psig; 25-300 ft. hose)														
115	MSA	469268 469269	FM	FF	X								H			
		(combination type C, cont. flow 35-40 psig; 25-300 ft. hose)														
116	MSA	469270	FM, ES	ON	X								H			
		(combination type C, cont. flow 35-40 psig; 25-300 ft. hose)														

Approval number TC-14G-	Approval issued to	Model number(s)	Respirator type	Face-piece type	Type of respiratory protection 3/										
					OV	Cl	SO2	CO	NH3	MA	VC	PEST	DFM	AG	H2S	PH3

Supplied Air Respirators

Extensions and *Corrections to Existing Approvals 19C

*Corrections to mistakes in June 1, 1980, listing.

Approval number TC-19C-	Approval issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Facepiece type	Hose Length ft.	Pressure range, psi
82	Pulmosan	AL180-10168	C	Cf	Bm	FF	15-50	5-8
84	Bullard	77	C, CE	Cf	Bm	HH	25-200	80-95
		46					100 only	8-15
84	Anderson	77	C, CE	Cf	Bm	HH	25-200	80-95
		46					100 only	8-15
84	Bowen	77	C, CE	Cf	Bm	HH	25-200	80-95
		46					100 only	8-15
84	Pauli and Griffin	77	C, CE	Cf	Bm	HH	25-200	80-95
		46					100 only	8-15
84	Empire	77	C, CE	Cf	Bm	HH	25-200	80-95
		46					100 only	8-15
84	Kelco	77	C, CE	Cf	Bm	HH	25-200	80-95
		46					100 only	8-15
84	Titan	77	C, CE	Cf	Bm	HH	25-200	80-95
		46					100 only	8-15
84	Key Houston	77	C, CE	Cf	Bm	HH	25-200	80-95
		46					100 only	8-15
84	Ace Enterprises	77	C, CE	Cf	Bm	HH	25-200	80-95
		46					100 only	8-15

Approval number TC-19C-	Approval issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Facepiece type	Hose Length ft.	Pressure range, psi

Approval number TC-19C-	Approval issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Facepiece type	Hose Length ft.	Pressure range, psi
84	Clemtex, Ltd.	77 46	C, CE	Cf	Bm	HH	25-200 100 only	80-95
84	A-BEC	77 46	C, CE	Cf	Bm	HH	25-200 100 only	80-95
84	Schmidt	77 46	C, CE	Cf	Bm	HH	25-200 100 only	80-95
84	Air Components	77 46	C, CE	Cf	Bm	HH	25-200 100 only	80-95
84	Porter Warner	77 46	C, CE	Cf	Bm	HH	25-200 100 only	80-95
84	Clark Sand	77 46	C, CE	Cf	Bm	HH	25-200 100 only	80-95
84	Sulliblast	77 46	C, CE	Cf	Bm	HH	25-200 100 only	80-95
99	Pulmosan	20009	CE	Cf	Bm	HH	15-50	17-20
100	Pulmosan	20027	CE	Cf	Bm	HH	15-50	17-20
102	Bullard	999-3 999-5 999-6 999-4 999-7 999-8	C, CE	Cf	Bm	HH	10-100 10-100 100 only	12-25 80-100 8-15
102	Anderson	999-3 999-4 999-5 999-7 999-8	C, CE	Cf	Bm	HH	10-100 10-100 100 only	12-25 80-100 8-15

Approval number TC-19C-	Approval issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Facepiece type	Hose Length ft.	Pressure range, psi

Approval number TC-19C-	Approval issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Facepiece type	Hose Length ft.	Pressure range, psi
102	Bowen	999-3	C, CE	Cf	Bm	HH	10-100	12-25
		999-4					10-100	80-100
		999-5					100 only	8-15
		999-7						
		999-8						
102	Pauli & Griffin	999-3	C, CE	Cf	Bm	HH	10-100	12-25
		999-4					10-100	80-100
		999-5					100 only	8-15
		999-7						
		999-8						
102	Empire	999-3	C, CE	Cf	Bm	HH	10-100	12-25
		999-4					10-100	80-100
		999-5					100 only	8-15
		999-7						
		999-8						
102	Kelco	999-3	C, CE	Cf	Bm	HH	10-100	12-25
		999-4					10-100	80-100
		999-5					100 only	8-15
		999-7						
		999-8						
102	Titan	999-3	C, CE	Cf	Bm	HH	10-100	12-25
		999-4					10-100	80-100
		999-5					100 only	8-15
		999-7						
		999-8						
102	A-BEC	999-3	C, CE	Cf	Bm	HH	10-100	12-25
		999-4					10-100	80-100
		999-5					100 only	8-15
		999-7						
		999-8						

Approval number TC-19C-	Approval issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Facepiece type	Hose Length ft.	Pressure range, psi

Approval number TC-19C-	Approval issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Facepiece type	Hose Length ft.	Pressure range, psi
102	Schmidt	999-3 999-4 999-5 999-7 999-8	C, CE	Cf	Bm	HH	10-100 10-100 100 only	12-25 80-100 8-15
102	Key Houston	999-3 999-4 999-5 999-7 999-8	C, CE	Cf	Bm	HH	10-100 10-100 100 only	12-25 80-100 8-15
102	Clemco	999-3 999-4 999-5 999-7 999-8	C, CE	Cf	Bm	HH	10-100 10-100 100 only	12-25 80-100 8-15
102	Binks	999-3 999-4 999-5 999-7 999-8	C, CE	Cf	Bm	HH	10-100 10-100 100 only	12-25 80-100 8-15
102	Air Components	999-3 999-4 999-5 999-7 999-8	C, CE	Cf	Bm	HH	10-100 10-100 100 only	12-25 80-100 8-15
102	Ace	999-3 999-4 999-5 999-7 999-8	C, CE	Cf	Bm	HH	10-100 10-100 100 only	12-25 80-100 8-15

Approval number TC-19C-	Approval issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Facepiece type	Hose Length ft.	Pressure range, psi

Approval number TC-19C-	Approval issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Facepiece type	Hose Length ft.	Pressure range, psi
102	Clemtex	999-3	C, CE	Cf	Bm	HH	10-100	12-25
		999-4					10-100	80-100
		999-5					100 only	8-15
		999-7						
		999-8						
102	Sulliblast	999-3	C, CE	Cf	Bm	HH	10-100	12-25
		999-4					10-100	80-100
		999-5					100 only	8-15
		999-7						
		999-8						
124	Safety & Supply	RC2095	C	Cf	Bm	HH	25-50	18-29
							50-100	23-36
							75-150	28-42
							100-200	32-47
							125-250	35-51
							150-250	37-57
127	Cesco	98	C	Cf	Bm	FF	25-300 (Max. 7 lengths)	35-60
128	Standard Safety Equipment	SD-5890	C	Cf	Bm	FF	25-100	40-60

NEW APPROVALS 19C

Approval number TC-19C-	Approval issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Facepiece type	Hose Length ft.	Pressure range, psi
129	MSA	468697	C	Cf	Bm	FF	35-40	25-300
130	Clemco	04400 04401	C	Cf	Bm	HH	85-45	10-200
131	Bullard	1414	C	Cf	Bm	HH	10-100 10-100 100 only	15-25 63-67 8-15
132	Bullard	1515	C	Cf	Bm	HH	10-100 10-100 100 only	15-25 63-67 8-15
133	Racal	AH-30	C	Cf	Bm	HH	25-300	55-70
134	Racal	AH-31	C	Cf	Bm	HH	25-300	55-70
135	Racal	AH-33	C	Cf	Bm	HH	25-100	25-100
136	Racal	AH-32	C	Cf	Bm	HH	25-100	75-120
137	Racal	AC-30	C	Cf	Bm	HH	25-300	55-70
138	Racal	AC-32	C	Cf	Bm	HH	25-100	75-120
139	Racal	AC-38	C	Cf	Bm	HH	25-100	70-115
140	NPO SAR 100NH-AY/BY/CY/C-1Y/DY SAR 100NH-AG/BG/CG/C-1G/DG SAR 100NH-AB/BB/CB/C-1B/DB SAR 100NH-AR/BR/CR/C-1R/DR SAR 100NH-AC/BC/CC/C-1C/DC SAR 101H-AY/BY/CY/C-1Y/DY		C	Cf	Bm	HH	25-50 75-100 125-175 200-275	20-34* 25-45 30-50 38-55

*Maximum pressure 28 psig with Hanson & Snap-Tite fittings

Approval number TC-19C-	Approval issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Facepiece type	Hose Length ft.	Pressure range, psi

Approval number TC-19C-	Approval issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Facepiece type	Hose Length ft.	Pressure range, psi
		SAR 101H-AG/BG/CG/C-1G/DG SAR 101H-AB/BB/CB/C-1B/DB SAR 101H-AR/BR/CR/C-1R/DR SAR 101H-AC/BC/CC/C-1C/DC SAR 102H-AY/BY/CY/C-1Y/DY SAR 102H-AG/BG/CG/C-1G/DG SAR 102H-AB/BB/CB/C-1B/DB SAR 102H-AR/BR/CR/C-1R/DR SAR 102H-AC/BC/CC/C-1C/DC					
141	Racal	AT-30	C	Cf	Bm	HH	25-300	55-70
142	Racal	AT-32	C	Cf	Bm	HH	25-100	80-120
143	Racal	AT-38	C	CF	Bm	HH	25-100	70-115
144	Mohawk	S-1010 S-1020	C	Cf	Bm	HH	50-100	25-35

Approval number TC-19C-	Approval issued to	Model number(s)	Respirator type	Air flow class	Regulator or valve location	Facepiece type	Hose Length ft.	Pressure range, psi

Dust, Fume and Mist Respirators

Extensions of Approvals and *Corrections to
Existing Approvals 21C

*Corrections to mistakes in June 1, 1980, listings

Extensions of Approvals and Corrections to Existing Approvals

Approval number TC-21C-	Approval issued to	Model number(s)	Respirator type	Face-piece type2/	No. of filters	Type of respiratory protection 3/							
						D	F	M	H	R	A	S	AB
132	3M	6983 8710 8550	Su	ON	1	X		X				X	
147	AO	R1050	Su	ON	1	X		X				X	
151	Norton	7506 7506S 7506M 7506L	Rp,Fm	ON	2	X		X			X		
152	Norton	7580 7580S 7580M 7580L	Rp,Fm	ON	2				X				
153	Norton	7406L 7406LM 7406M	Rp,Fm	ON	2	X		X			X		
157	Pulmosan	0264 10045 10213 10234 10294	Rp, Fm	ON	1	X		X					
161	AO	R4056 R5056 R6056	Rp, Fm	ON	2	X	X	X			X		
162	AO	R8100	Rp, Fm			X		X			X		
165	Pulmosan	L800 10171 10174 10216 10297	Rp, Fm	ON	1	X		X					

Approval number TC-21C-	Approval issued to	Model number(s)	Respirator type	Face-piece type2/	No. of filters	Type of respiratory protection 3/							
						D	F	M	H	R	A	S	AB

Approval number TC-21C-	Approval issued to	Model number(s)	Respirator type	Face-piece type2/	No. of filters	Type of respiratory protection 3/							
						D	F	M	H	R	A	S	AB
168	Norton	75BP80 75BP80M 75BP80L	Rp, Bm	ON	2				X				
171	Norton	7680 7680S	Rp, Fm	FF	2				X				
173	3M	8800	Su	ON	1	X		X				X	
176	3M	9900	Su	ON	1	X		X			X		
177	Scott	6412-0100 6422-0100	Rp, Fm	ON	2	X		X					
178	Scott	6412-0050 6412-0050	Rp,Fm	ON	2				X	X			
186	MSA	463353 463354 463355 466607 466608 467964 467963	PW	ON, FF	2				X				
190	3M	9910	Rp	ON	1	X		X		X			
196	Cover	1482-F108	Rp, Fm	ON	2	X	X	X		X	X		
196	Eastern	E456	Rp, Fm	ON	2	X	X	X		X	X		
196	Sellstrom	315-F108	Rp, Fm	ON	2	X	X	X		X	X		
197	Racal	AH5	PW	HH	1	X		X			X		

Approval number TC-21C-	Approval issued to	Model number(s)	Respirator type	Face-piece type2/	No. of filters	Type of respiratory protection 3/							
						D	F	M	H	R	A	S	AB

Approval number TC-21C-	Approval issued to	Model number(s)	Respirator type	Face-piece type2/	No. of filters	Type of respiratory protection 3/							
						D	F	M	H	R	A	S	AB
198	Scott	6470-0100	Rp, Fm	FF	2	X		X			X		
199	Scott	6470-0050	Rp, Fm	FF	2				X	X			
203	Norton	7507 7507M 7507S 7507L	Rp,Fm	ON	2	X	X	X					
204	Norton	75BP07 75BP07M 75BP07L	Rp,Fm	ON	2	X	X	X					
209	Scott	6412-2300 6422-0300	Rp,Fm	ON	2	X	X	X		X	X		
212	Racal	AH3 AH17	PW	HH	2				X	X	X		
214	Willson	1410	Ru, Su	ON	1	X		X				X	
215	Binks	40-145	Ru, Su	ON	1	X		X				X	

Approval number TC-21C-	Approval issued to	Model number(s)	Respirator type	Face-piece type2/	No. of filters	Type of respiratory protection 3/							
						D	F	M	H	R	A	S	AB

NEW APPROVALS 21C

New Approvals
Dust, Fume and Mist Respirators

Approval number TC-21C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of filters	Type of respiratory protection 3/							
						D	F	M	H	R	A	S	AB
221	Pulmosan	10303, 10306 10309, 10312	RP, FM	ON	1	X							
224	3M	9906	SU	ON	1	X		X					
225	3M	W-316 W-343	PW	H/H	1	X		X					
226	Cesco	95RC18	RP, FM	ON	2				X	X	X		
227	Cesco	96RC18	RP, FM	FF	2				X	X	X		
228	U.S.Safety	150T12	RP, FM	ON	2				X	X	X		
229	U.S.Safety	151T12	RP, FM	FF	2				X	X	X		
230	AO	R7056	RP, FM	FF	2	X	X	X		X	X		
231	H.S.Cover	1482-G108	RP, FM	ON	2				X	X	X		
232	U.S.Divers	2210-00 2110-00 2310-00	RP, FM	ON	2	X		X			X		
233	3M	9908	Su	ON	1	X		X					

Approval number TC-21C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of filters	Type of respiratory protection 3/							
						D	F	M	H	R	A	S	AB

Approval number TC-21C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of filters	Type of respiratory protection 3/							
						D	F	M	H	R	A	S	AB
234	3M	9913	Su	ON	1	X		X					
235	3M	W-325	RP, FM	H/H	1	X		X			X		
236	U.S.Divers	2230-00 2130-00 2330-00	RP, FM	ON	2	X	X	X		X	X		
237	Racal	AC3	PW	HH	2				X	X			
238	Glendale	GR555	Ru,Su	ON	1	X						X	
239	3M	9940	Su	ON	1				X				
240	U.S.Safety	150T15	Rp,Fm	ON	2	X	X	X			X	X	
241	Cesco	95RC19	Rp,Fm	ON	2	X	X	X		X	X		
242	U.S.Safety	151T15	Rp,Fm	FF	2	X	X	X		X	X		
243	Cesco	96RC19	Rp,Fm	FF	2	X	X	X		X	X		
244	U.S.D.Corp	2190-00 2290-00 2390-00	Rp,Fm	ON	2				X				
245	U.S.D.Corp	3290-00	Rp,Fm	FF	2				X				
246	3M	W-344	Pw	HH	1				X		X		
247	3M	9901 6982	Su	ON	1	X		X			X		

Approval number TC-21C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of filters	Type of respiratory protection 3/							
						D	F	M	H	R	A	S	AB

Chemical Cartridge Respirators

Extensions of Approvals and *Corrections to
Existing Approvals 23C

*Corrections to the mistakes in the June 1, 1980, listing

Extensions of Approvals and Corrections to Existing Approvals

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/								
						OV	Cl	SO2	HCl	NH3	MA	PLE	PEST	DFM
40	MSA	459433 461005 460852	Rp, Fm, Bm	ON	2	X								DMA
41	MSA	459434 461006	Rp, Fm, Bm	ON	2		X	X	X					DMA
43	MSA	459436 461008	Rp, Fm, Bm	ON	2					X	X			DMA
47	MSA	459435 451007	Rp, Fm, Bm	ON	2	X	X	X	X					
49	Norton	7501 7501M 7501S 7501L	Rp,Fm	ON	2	X								
63	Norton	7504 7504M 7504S 7504L	Rp,Fm	ON	2					X				
64	Norton	7514 7514M 7514S 7514L	Rp,Fm	ON	2					X				DMA
65	Norton	7503S 7503M 7503L 7503	Rp,Fm	ON	2	X	X	X	X					
66	Norton	7513 7513M 7513S 7513L	Rp,Fm	ON	2	X	X	X	X					DMA

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/								
						OV	Cl	SO2	HCl	NH3	MA	PLE	PEST	DFM

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/								
						OV	Cl	SO2	HCl	NH3	MA	PLE	PEST	DFM
73	Norton	7511 7511M 7511S 7511L	Rp,Fm	ON	2	X								DMA
74	Norton	7549 7549M 7549L 7549S	Rp,Fm	ON	2								X	
75	Norton	7531S 7531L 7531M 7531	Rp,Fm	ON	2	X						X		
81	Pulmosan	C254 10009 10183 10219 10270	Rp, Fm	ON	1	X								
83	AO	R4055 R5055 R6055	Rp, Fm	ON	2	X								DMA
91	Pulmosan	C259 10024 10198 10222 10282	Rp, Fm	ON	1	X								DM
94	AO	R4051P R5051P R6051P	Rp,Fm	ON	2	X						X		

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/								
						OV	Cl	SO2	HCl	NH3	MA	PLE	PEST	DFM

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/								
						OV	Cl	SO2	HCl	NH3	MA	PLE	PEST	DFM
97	AO	R4091P R5091P R6091P	Rp, Fm	ON	2	X						X		DMA
100	Pulmosan	C-251	Rp, Fm	ON	1	X						X		
100	Fiber Metal	C-251 10006 10180 10225 10267	Rp, Fm	ON	1	X						X		
101	Norton	7401L 7401LM 7501M	Rp,Fm	ON	1	X								
102	Norton	75BP01L 75BP01 75BP01M	Rp,Bm	ON	2	X								
103	Norton	75BP11L 75BP11 75BP11M	Rp,Bm	ON	2	X								DMA
104	Norton	75BP03 75BP03M 75BP03L	Rp,Bm	ON	2	X	X	X	X					
105	Norton	75BP13 75BP13M 75BP13L	Rp,Bm	ON	2	X	X	X	X					DMA
110	Pulmosan	C-241	Rp, Fm	ON	1								X	

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/								
						OV	Cl	SO2	HCl	NH3	MA	PLE	PEST	DFM

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/								
						OV	Cl	SO2	HCl	NH3	MA	PLE	PEST	DFM
110	Fiber Metal	C-241 10003 10177 10228 10264	Rp, Fm	ON	1								X	
111	AO	R9722	ES	M	1		X	X	X					
113	Scott	6412-0013 6422-0013 604022-13 6040-13 6411-2013 6411-0013 6411-3013 6413-0013 6413-2013 6421-0013 6423-0013	Rp,Fm	ON	1	X								
114	Scott	6412-0113 6422-0113 604032-13 6411-2113 6411-0113 6411-3113 6413-0113 6413-2113 6421-0113 6413-3113 6423-0113	Rp,Fm	ON	1	X								
115	Scott	6412-0001 6422-0001 604022-01 6413-2001 6411-0001	Rp,Fm	ON	2		X	X	X					

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/								
						OV	Cl	SO2	HCl	NH3	MA	PLE	PEST	DFM

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/								
						OV	Cl	SO2	HCl	NH3	MA	PLE	PEST	DFM
		6413-3001												
		6413-0001												
		6411-2001												
		6421-0001												
		6411-3001												
		6423-0001												
116	Scott	6412-0101	Rp,Fm	ON	2		X	X	X					
		6422-0101												
		604032-01												
		6411-2101												
		6411-0101												
		6411-3101												
		6413-0101												
		6413-2101												
		6421-0101												
		6413-3101												
		6423-0101												
117	Scott	604432-00	Rp, Fm	ON	2	X						X		DFMAR
		6411-2213												
		6411-0213												
		6411-3213												
		6413-0213												
		6413-2213												
		6421-0213												
		6413-3213												
		6423-0213												
		6412-0213												
		6422-0213												
123	3M	8712	Su	ON	1	X								
		8734				X								DM 8734 only
		8741				X						X-8741 only		
		8751				X								X-8751 only

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/								
						OV	Cl	SO2	HCl	NH3	MA	PLE	PEST	DFM

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/								
						OV	Cl	SO2	HCl	NH3	MA	PLE	PEST	DFM
131	Willson	162113 172113	Rp, Fm	FF	2	X								DMFA
155	MSA	461853	Rp, Fm	FF	2	X						X		H
161	MSA	460846 461012	Rp, Fm, Bm	ON	2	X						X		H
172	Scott	6412-0015 6422-0015 604022-15 6411-2015 6411-0015 6411-3015 6413-0015 6413-2015 6421-0015 6413-3015 6423-0015	Fm	ON	2	X	X	X	X					
174	Scott	6412-0115 6422-0115 604032-15 6411-2115 6411-0115 6411-3115 6413-2115 6413-2115 6421-0115 6413-3115 6423-0115	Fm	ON	2	X	X	X	X					DMA
175	Norton	75BP31 75BP31M 75BP31L	Rp,Bm	ON	2	X						X		

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/								
						OV	Cl	SO2	HCl	NH3	MA	PLE	PEST	DFM

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/								
						OV	Cl	SO2	HCl	NH3	MA	PLE	PEST	DFM
176	Norton	75BP04 75BP04M 75BP04L	Rp,Bm	ON	2					X				
177	Norton	75BP14 75BP14M 75BP14L	Rp,Bm	ON	2					X				DMA
178	Norton	75BP49 75BP49M 75BP49L	Rp,Bm	ON	2								X	
202	Cover	1482-G100-F104	Rp, Fm	ON	2	X							X	DM
202	Eastern	E455	Rp, Fm	ON	2	X							X	DM
202	Sellstrom	315-G100-F104	Rp, Fm	ON	2	X							X	DM
203	Pulmosan	10012 10186 10240 10273	Rp, Fm	ON	1		X	X	X					
204	Norton	7581, 7581M 7581S 7581L	Rp, Fm	ON	2	X						X		H
205	Norton	75BP81 75BP81M 75BP81L	Rp, Fm	ON	2	X						X		H

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/								
						OV	Cl	SO2	HCl	NH3	MA	PLE	PEST	DFM

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/								
						OV	Cl	SO2	HCl	NH3	MA	PLE	PEST	DFM
206	Norton	7681 7681S	Rp, Fm	FF	2	X						X		H
207	Norton	7582 7582M 7582S 7582L	Rp, Fm	ON	2		X	X	X					H
208	Norton	75BP82 75BP82M 75BP82L	Rp, Fm	ON	2		X	X	X					H
209	Norton	7682 7682S	Rp, Fm	FF	2		X	X	X					H
210	Norton	7583 7583M 7583S 7583L	Rp, Fm	ON	2	X	X	X	X					H
211	Norton	75BP83 75BP83M 75BP83L	Rp, Bm	ON	2	X	X	X	X					H
212	Norton	7683 7683S	Rp, Fm	FF	2	X	X	X	X					H
213	Norton	7584 7584N 7584S 7584L 7584M	Rp, Fm	ON	2					X				H
214	Norton	75BP84 75BP84L	Rp, Fm	ON	2					X				H

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/								
						OV	Cl	SO2	HCl	NH3	MA	PLE	PEST	DFM

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/								
						OV	Cl	SO2	HCl	NH3	MA	PLE	PEST	DFM
215	Norton	7684	Rp, Fm	FF	2					X				H
218	Scott	6470-0101	Rp, Fm	FF	2		X	X	X					
218	Scott	6470-0101	Rp, Fm	FF	2		X	X	X					
219	Scott	6470-0013	Rp, Fm	FF	2	X								
220	Scott	6470-0113	Rp, Fm	FF	2	X								D,M
221	Scott	6470-0015	Rp, Fm	FF	2	X	X	X						
222	Scott	6470-0115	Rp, Fm	FF	2	X	X	X	X					D,M
224	Scott	6470-0213	Rp, Fm	FF	2	X							X	DFMAR
225	Scott	6470-0001	Rp, Fm	FF	2		X	X	X					
226	Norton	7502 7502S 7502M 7502L	Rp,Fm,	ON	2		X	X	X					
227	Norton	75BP02 75BP02M 75BP02L	Rp,Bm	ON	2		X	X	X					
229	Norton	7512 7512S 7512M 7512L	Rp,Fm	ON	2		X	X	X					DMA
230	Norton	75BP12 75BP12M 75BP12L	Rp,Bm	ON	2		X	X	X					

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/								
						OV	Cl	SO2	HCl	NH3	MA	PLE	PEST	DFM

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/								
						OV	C1	SO2	HC1	NH3	MA	PLE	PEST	DFM
232	Pulmosan	10201 10252 10285 10027	Rp, Fm	ON	1		X	X	X					DM
238	AO	R7058	Rp,Bm	FF	2								X	
246	Scott	6412-0301 6422-0301 6411-0301 6411-0301 6421-0301 6423-0301	Rp,Fm	ON	2		X	X	X					DFMAR
248	Scott Replaced by TC-23C-117	6411-0313 6413-0313 6421-0313 6423-0313	Rp, Fm	ON	2	X								DFMAR
249	Scott Replaced by TC-23C-224	6470-0313	Rp, Fm	FF	2	X								DFMAR
250	Scott	6412-0315 6422-0315 6411-0315 6413-0315 6421-0315 6423-0315	Rp,Fm	ON	2	X	X	X	X					
252	Scott	6412-0004 6422-0004 6411-0004 6413-0004 6421-0004 6423-0004	Rp,Fm	ON	2					X	X			

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/								
						OV	C1	SO2	HC1	NH3	MA	PLE	PEST	DFM

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/								
						OV	Cl	SO2	HCl	NH3	MA	PLE	PEST	DFM
254	Scott	6412-0104 6422-0104 6411-0104 6413-0104 6421-0104 6423-0104	Rp,Fm	ON	2					X	X			
256	Scott	6412-0304 6422-0304 6411-0304 6413-0304 6421-0304 6423-0304	Rp,Fm	ON	2					X	X			
258	Willson	122116 122116S 122116SR	Rp, Fm	ON	2	X						X		DM
259	Willson	162116 172116	Rp, Fm	FF	2	X						X		DM

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/								
						OV	Cl	SO2	HCl	NH3	MA	PLE	PEST	DFM

NEW APPROVALS 23C

New Approvals
Chemical Cartridge Respirators

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/								
						OV	Cl	SO2	HCl	NH3	MA	PLE	PEST	DFM
279	Cover	1482-G106	Rp, Fm	ON	2					X	X			
279	Sellstrom	315-G106	Rp, Fm	ON	2					X	X			
283	Pulmosan	10018 10246 10192 10279	RP, FM	ON	1					X	X			
284	Pulmosan	10033 10207 10258 10291	RP, FM	ON	1					X	X			DM
285	MSA	468026, 468027 468028 468029 468030 468031	RP, BM	ON	2	X						X		DM
286	MSA	468023 468024 468025	RP, FM	FF	2	X						X		DM
287	U.S.Divers	2201-00 2301-00 2201-00	RP, FM	ON	2	X								
288	Norton	7902	ES	M	1		X	X	X					
289	Willson	1234, 1234S 1234SR	RP, FM	ON	2					X	X			
290	Willson	1634, 1734	RP, FM	FF	2					X	X			

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/								
						OV	Cl	SO2	HCl	NH3	MA	PLE	PEST	DFM

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	Number of cart-ridges	Type of respiratory protection 3/								
						OV	C12	SO2	HCl	NH3	MA	PLE	PEST	DFM
291	Willson	123412 123412S 123412SR	RP, FM	ON	2					X	X			H
292	Willson	163412 173412	RP,FM	FF	2					X	X			H
293	Willson	1231 1231S 1231SR	RP, FM	ON	2	X								
294	Willson	123112, 123112S 123112SR	RP, FM	ON	2	X								H
295	Willson	1631, 1731	RP, FM	FF	2	X								
296	Willson	163112, 173112	RP, FM	FF	2	X								H
297	3M	8729	SU	ON	1	X								

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	Number of cart-ridges	Type of respiratory protection 3/								
						OV	C12	SO2	HCl	NH3	MA	PLE	PEST	DFM

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	Number of cart-ridges	Type of respiratory protection 37/								
						OV	C12	SO2	HCl	NH3	MA	PLE	PEST	DFM
298	Willson	1235, 1235S, 1235SR	RP, FM	ON	2	X	X	X	X					
299	Willson	123512, 123512S 123512SR	RP, FM	ON	2	X	X	X	X					H
300	Willson	1635, 1735	RP, FM	FF	2	X	X	X	X					
301	Willson	163512, 173512	RP, FM	FF	2	X	X	X	X					H
302	Cesco	95RC20	PR, FM	ON	2	X								HRA
303	U.S.Safety	150T40	RP, FM	ON	2	X								HRA
304	Cesco	96RC20	RP,FM	FF	2	X								HRA
305	U.S.Safety	151T40	RP, FM	FF	2	X								HRA
306	Cesco	95RC50	RP, FM	ON	2		X	X	X					HRA
307	U.S.Safety	150T41	RP, FM	ON	2		X	X	X					HRA
308	Cesco	96RC50	RP, FM	FF	2		X	X	X					HRA
309	U.S.Safety	151T41	RP, FM	FF	2		X	X	X					HRA
310	Cesco	95RC80	RP, FM	ON	2	X	X	X	X					HRA
311	U.S.Safety	150T46	RP, FM	ON	2	X	X	X	X					HRA
312	Cesco	96RC80	RP, FM	FF	2	X	X	X	X					HRA
313	U.S.Safety	151T46	RP, FM	FF	2	X	X	X	X					HRA

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	Number of cart-ridges	Type of respiratory protection 37/								
						OV	C12	SO2	HCl	NH3	MA	PLE	PEST	DFM

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	Number of cart-ridges	Type of respiratory protection 3/								
						OV	C12	SO2	HCl	NH3	MA	PLE	PEST	DFM
314	Cesco	95RC60	RP, FM	ON	2					X	X			HRA
315	U.S.Safety	150T42	RP, FM	ON	2					X	X			HRA
316	Cesco	96RC60	RP, FM	FF	2					X	X			HRA
317	U.S.Safety	151T42	RP, FM	FF	2					X	X			HRA
318	U.S.Divers	2203-00 2103-00 2303-00	RP, FM	ON	2	X	X	X	X					
319	Sellstrom	315-G106	RP, FM	ON	2					X	X			
320	Pulmosan	10015, 10189 10243, 10276	RP, FM	ON	1	X	X	X	X					
321	U.S.Divers	2221-00 2121-00 2321-00	RP, FM	ON	2	X						X		
322	U.S.Divers	2211-00 2111-00 2311-00	RP, FM	ON	2	X								DMA
323	U.S.Divers	2231-00 2131-00 2331-00	RP, FM	ON	2	X								DFMAR
324	Pulmosan	10030 10255 10204 10288	RP, FM	ON	1	X	X	X	X					DM
325	AO	R4051A R5051A R6051A	RP, FM	ON	2	X								

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	Number of cart-ridges	Type of respiratory protection 3/								
						OV	C12	SO2	HCl	NH3	MA	PLE	PEST	DFM

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	Number of cart-ridges	Type of respiratory protection 3/								
						OV	C12	SO2	HCl	NH3	MA	PLE	PEST	DFM
326	AO	R7051A	RP, FM	FF	2	X								
327	AO	R4051AD R5051AD R6051AD	RP, FM	ON	2	X								DMA
328	AO	R7051AD	RP, FM	FF	2	X								DMA
329	AO	R4054A R5054A R6054A	RP, FM	ON	2					X	X			
330	AO	R7054A	RP, FM	FF	2					X	X			
331	AO	R4054AD R5054AD R6054AD	RP, FM	ON	2					X	X			DMA
332	AO	R7054AD	RP, FM	FF	2					X	X			DMA
333	AO	R4051A R5051A R6051A	RP, FM	ON	2	X						X		DMA
334	AO	R7051A	RP, FM	FF	2	X						X		
335	DeVilbiss	MSP-508	RP, FM	ON	2	X						X		DMA
336	U.S.Safety	150T35	Rp,Fm	ON	2	X						X	X	DFMRA
337	Cesco	95RC115	Rp,Fm	ON	2	X						X	X	DFMRA
338	U.S.Safety	151T35	Rp,Fm	FF	2	X						X	X	DFMRA
339	AO	R4052A R5052A R6052A	Rp,Fm	ON	2		X	X	X					

Approval number	Approval	Model	Respirator	Face-piece	Number of cart-	Type of respiratory protection 3/

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	Number of cart-ridges	Type of respiratory protection 3/								
						OV	C12	SO2	HCl	NH3	MA	PLE	PEST	DFM
340	AO	R7052A	Rp,Fm	FF	2		X	X	X					
341	AO	R4052AD R5052AD R6052AD	Rp,Fm	ON	2		X	X	X					
342	AO	R7052AD	Rp,Fm	FF	2		X	X	X					DMA
343	AO	R4053AP R5053AP R6053AP	Rp,Fm	ON	2	X	X	X	X					
344	AO	R7053AP	Rp,Bm	FF	2	X	X	X	X					
345	AO	R4053AD R5053AD R6053AD	Rp,Fm	ON	2	X	X	X	X					DMA
346	AO	R7053AD	Rp,Fm	FF	2	X	X	X	X					DMA
347	Eastern	E453	Rp,Fm	ON	2					X	X			
348	U.S. Safety	151T35	Rp,Fm	FF	2	X						X	X	DFMA
349	Norton	10001S 10001M	Su	ON	1	X								
350	Norton	10004S 10004M	Su	ON	1					X	X			
351	U.S.D.Corp	3201-00	Rp,Fm	FF	2	X								
352	Norton	10003S 10003M	Su	ON	1	X	X	X	X					
353	Norton	10002S 10002M	Su	ON	1		X	X	X					

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	Number of cart-ridges	Type of respiratory protection 3/								
						OV	C12	SO2	HCl	NH3	MA	PLE	PEST	DFM

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	Number of cart-ridges	Type of respiratory protection 3/								
						OV	C12	SO2	HCl	NH3	MA	PLE	PEST	DFM
354	Norton	10041S 10041M	Su	ON	1	X						X		DMA
355	Norton	10011S 10011M	Su	ON	1	X								DMA
356	Norton	10012S 10012M	Su	ON	1		X	X	X					DMA
357	Norton	10013S 10013M	Su	ON	1	X	X	X	X					DMA
358	Norton	10014S 10014M	Su	ON	1						X			

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	Number of cart-ridges	Type of respiratory protection 3/								
						OV	C12	SO2	HCl	NH3	MA	PLE	PEST	DFM

COMPONENT PARTS

of

*Extensions of Approvals

and

New Approvals

*Only extensions which affected model numbers or major components are listed

Table 111-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
29	MSA	457152, 457153, 457154, 96363, 95066, 463827 463830, 463832 463828, 463829	96680 or 95940, facepiece 449267, breathing tube assembly, 94007 or 96337 or 460320 or 469619, cylinder and valve assembly 93184, harness 449911, regulator assembly (Below 32°F add 96671 or 89863 nosecup assembly to above).
30	MSA	95069, 96338, 461704, 463831, 463833, 461696 461946, 461947 463814, 463815	96056 or 89107 or 461614, facepiece 449267, breathing tube assembly, 94007 or 96337 or 460320, cylinder and valve assembly 93184, harness 449911, regulator assembly (Below 32°F add 455668 nosecup assembly to above).
32	Siebe Gorman	013831.04 013831.05 013831.07	032275.00, facepiece assembly 059994.10, harness assembly 014697.02, evaporator, 059994.11, evaporator, sorbent canister and breathing bag assembly 041689.01, breathing bag 032282.01, timer assembly, 029697.01, sorbent, (PROTOSORB)
38	Drager	BG-174A/3	M174A/3, mask and hoses, R28 072, Panorama Nova Mask ZS w/wiper lens, R27 141, Panorama Nova mask ZT w/ communication system, R50395, Panorama Nova mask ZST w/wiper lens & communication system B174A/3, harness and frame assembly C174A/3, cylinder and valve, 6725561 cartridge, 9X18-28 C02, canister
39	Scott	900000-00 900000-01 900000-05 900000-30 900000-31 900000-34 900000-50 900000-51	800020-04, harness and back-plate assembly, 803162-01, 800010-00 or 800010-10, -02, -12 cylinder and valve assembly 800013.04, regulator assembly, 800029-00, hose assembly, 801450-07, or 17042-01, facepiece and tubing assembly (below 32°F add 801432-00 or 22300-01 nosecup to above).

Table 111-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
40	Scott	900014-00	800020-4, harness and back-plate assembly, 803162-01, 800010-00 or 800010-10, -02, -12,cylinder and valve assembly, 800212-04 or 800212-06, regulator assembly, 800029-00, hose coupling assembly, 801500-07 or 40577-01, facepiece and and tube assembly (below 32°F add 801432-00 22300-01 nosecup assembly to the above).
44	SurvivAir	9038-00 9038-02 9838-00 9838-02 9838-60 9838-62 9038-60 9038-62	9411-12 or 9413-20 facepiece 9607-11, 9607-21, or 9607-31 alarm 9123-00, regulator 9602-47, low pressure warning, 9163-03 or 9151-45, cylinder and valve assembly, 9457-62, 9457-31 or 9457-00, back pack assembly, (Below 32°F add 9038-90 low-temp- erature kit to above).
45	SurvivAir	9038-20 9038-22 9838-20 9838-22 9038-70 9038-72 9838-70 9838-72	9411-60 or 9413-60, facepiece, 9607-11, 9607-21, 9607-31 alarm, 9123-01, regulator, 9602-47, low pressure warning 9151-45, cylinder and valve ass'ly 9457-62, 9457-63 or 9457-00, back pack assembly. (Below 32°F add 9038-90 low-temp. kit to above.
46	MSA	457150 95061 457151 95068	96680, 96678, 463705, 7203-1, 7-222-1, 464557, or 95940, facepiece, 96065, breathing tube assembly, 456104, cylinder and valve assembly, 456066, support assembly, 460255, regulator assembly, (Below 32°F and 96671 or 89863 nosecup assembly to above).
47	MSA	95063 460262 461697 461703	96057, 89107, 7-239-1 or 7-212-1 or 461414, facepiece, 96065, breathing assembly, 456104, cylinder and valve assembly, 456066, support assembly, 460256, regulator assembly, (Below 32°F. add 455668, nosecup to the 96057 facepiece or the 96671 nosecup to the 461614 facepiece).

Table 111-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
44	SurvivAir	9038-00 9038-02 9838-00 9838-02 9838-60 9838-62 9038-60 9038-62	9411-12 or 9413-20, facepiece, 9607-11, 9607-21, or 9607-31 alarm, 9123-00, regulator, 9602-47, low pressure warning, 9163-03 or 9151-45, cylinder and valve assembly, 9457-62, 9457-31 or 9457-00, back pack assembly, (Below 32 F add 9038-90 low-temperature kit to above).
45	SurvivAir	9038-20 9038-22 9838-20 9838-22 9038-70 9038-72 9838-70 9838-72	9411-60 or 9413-60, facepiece, 9607-11, 9607-21, 9607-31 alarm, 9123-01, regulator, 9602-47, low pressure warning 9151-45, cylinder and valve ass'ly. 9457-62, 9457-63 or 9457-00, back pack assembly, (Below 32F add 9038-90 low-temp. kit to above.
46	MSA	457150 95061 457151 95068	96680, 96678, 463705, 7203-1, 7-222-1, 464557, or 95940, facepiece, 96065, breathing tube assembly, 456104, cylinder and valve assembly, 456066, support assembly, 460255, regulator assembly, (Below 32 F and 96671 or 89863, nosecup assembly to above).
47	MSA	95063 460262 461697 461703	96057, 89107, 7-239-1 or 7-212-1 or 461414, facepiece, 96065, breathing assembly, 456104, cylinder and valve assembly, 456066, support assembly, 460256, regulator assembly, (Below 32 F add 455668, nosecup to the96057 facepiece or the 96671 nosecup to the 461614 facepiece).

Table 111-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
57	Drager	BG-175A/4	M174A, mask and hoses, R28 072, Panorama Nova Mask Zs w/wiper lens, R27 141, Panorama Nova Mask ZT w/communication system, R50395, Panorama Nova Mask ZST w/wiper lens and communication system B174A, harness and frame assembly, C174A/4, cylinder and valve, 6725561 cartridge, 9X18-28002, canister
58	Siebe Gorman	014422.10	014080.21, facepiece assembly, 032298.00, regulator and breathing tube assembly 059976.03, harness and back plate assembly, 041382.01 or 041382.02, cylinder and valve assembly
60	Scott	900050	801450-10 - mask assembly 801709-00 - breathing tube assembly or 36786-01 or 36786-03 mask assembly with 802761-01 breathing tube and strap assembly 801685-00 manifold assembly 801713-00 cylinder & valve assembly 66220-00 canister assembly 801738-00 housing cover assembly 900050-00 housing assembly 60158-00 Scott Lens Prep II 802862-03 Nosecup Kit or 802862-01 Nosecup Kit
62	MSA	458178 458479	96680, 96679, 7-203-1, 463705, or 464557, facepiece, 461998 regulator 455660, cylinder and valve assembly, 460615, carrier assembly, 460613, regulator-connector assembly 455021 and/or 455022, supply hose assemblies, (Between 32 F and -25 F add 96671 nosecup to the above).

Table 111-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
67	Scott	900055-05 900055-06 900055-09 900055-17 900055-18 900055-32 900055-33 900055-10	801450-40 or 8139-6, facepiece assembly 802281-01 or -02, half facepiece 802173-00, regulator assembly, 26037-01, hose assembly 800298-02 or 800298-03, regulator and coupling assembly, 801935-03, cylinder and valve assembly 802200, harness assembly, 30010 and/or 300020, supply hose assemblies, (Below 32 F add 801432 nosecup to the above).
68	Scott	900055-13 900055-14 900055-24 900055-25 900055-22 900055-23	801450-05, facepiece assembly, 802281-01 or -02, half facepiece, 802236-01, regulator assembly, 802235-01, exhalation valve assembly, 26037-01, hose assembly, 800298-02 or 800298-03, regulator and coupling assembly, 801935-03, cylinder and valve assembly, 802200, harness assembly, 30010 and/or 30020, hose assembly, (Below 32 F add 801432-00 nosecup to the above).
69	MSA	457159	96680, 96679, 7-203-1, 463705, or 464557, facepiece, 96065, breathing tube assembly, 455943, cylinder and valve assembly 46707, regulator and hose assembly 460710, harness and back-plate assembly, 455021 and/or 455022, air-supply hose, (Below 32F add 96671 nosecup to above).
73	Scott	900450-00 900450-01	802181-01, or 802161-02, back-pak assembly, 802167-01, mask facepiece assembly, 802240-01, harness assembly, 802239-01, cylinder and valve assembly 802220-01 or -02, pressure reducer,

Table 111-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
			802202-01 or -02, demand regulator, 802228-01, high pressure hose and coupling assembly, (Below 32 F add 60158-00 Lens Preparation to above). 802862-03 or 802862-01 nosecup kit
76	Scott	900455	802181-00 backpack assembly 802167-01 mask facepiece assembly 802240-01 harness assembly 802239-01 cylinder & valve assembly 802220-01 or -02 pressure reducer 802260-01, -02, -03 or -04 pressure demand regulator 802228-01 high pressure hose and coupling assembly (below 32°F add 60158-00 lens prep to above) 802256-01 gage assembly 802862-01 or -03 nosecup kit
79	Scott	900220-00 900220-01	802181-02, backpak assembly, 802167-01, mask facepiece assembly, 802240-01, harness assembly, 803162-01 or 800010-14, cylinder and valve assembly, 802276-01, pressure reducer with 802203-02, regulator assembly, 802228-02, high pressure hose and coupling assembly, 802256-02, gage assembly, 60158-00 lens prep II 802862-01, -03 Nosecup kit
80	Scott	900225-00 900225-01	802181-02, backpak assembly 802167-01, mask facepiece assembly 802240-01, harness assembly, 803162-01 or 800010-14, cylinder and valve assembly, 802260-04, 802260-03 or 802276-01, pressure reducer with 802260-02, regulator assembly, 802228-02, high pressure hose and coupling assembly, 802256-02, gage assembly, (Below 32F add 60158-00 lens preparation to above.) 802862-01, -03 nosecup kit

Table 111-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
87	Drager	Oxy-SR60A Oxy-SR60B	R31230, self rescuer
88	Scott	802300-02	802320-04 hood and life support pacs 802310-02 case assembly 802862-01, -03 nosecup kit 6-158-00 lend preparation
89	MSA	465182, 465183, 465185, 465186 465199, 465200 465202, 465203	469619 cylinder and valve assembly 96680 or 95940, facepiece assembly 465178, regulator-audilarm assembly 94007 or 460320, cylinder & valve assembly 449267, breathing tube assembly 95184, carrier and harness assembly 455021 and/or 455022, air-line hose assemblies 463203, case assembly, At temperatures between 32°F and -25°F add 96671 or 89863 nose cup assembly to above
90	MSA	465188, 465189 465191, 465192 465205, 465206 465208, 465209	469619 cylinder and valve assembly 461614 or 96057, facepiece assembly 465179, regulator-audilarm assembly 94007 or 46032, cylinder and valve assembly 499267, breathing tube assembly 95184, carrier and harness assembly, 455021 and/or 455022, air-line hose assembly 463203, case assembly At temperature between 32°F and -25°F add 96671 or 455668 hose cup assembly to above
93	MSA	464775 464777	464772 Regulator alarm 7-212-1 (461614) facepiece 94007 Cylinder and Valve 449267 Breathing Tube 95184 Carrier & Harness 96671 Nosecup 455021, 455022, 467040, 467041, Airline Hose 463203 Case

Table 111-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
94	MSA	464776, 464778	7-212-1 (461614) Facepiece 464773 Regulator Alarm 456104 Cylinder and Valve 96065 Breathing Tube 96671 Nosecup 455021, 455022, 467040, Airline Hose 466020 Case
95	Scott	900460-00 900460-01	802181-01, 802181-03 or 802181-02 Back Pac Assy 802167-01 Mask Assy 802827-01 Cylinder and Valve Assy 802220-02 Pressure Reducer Assy 802202-02 Regulator Assy 802228-01 Hose & Coupling Assy 802256-01 Gauge Assy 802162 Carrying Case 802240-01 Harness Assy 60158-00 Anti Fog Prep 802862-01 or-03 nosecup kit
96	Scott	900465-00 900465-01	802167-01 Mask Assy 802181-01, 802181-02 or 802181-03 Back Pak Assy 802260-02 Regulator Assy 802220-02 Pressure Reducer 802228-01 Hose & Coupling 802256-01 Gauge Assy 802827-01 Cylinder Valve 802240-01 Harness Assy 60158-00 Anti Fog Prep 802862-01 or -03 nosecup kit 802260-03 Pressure Demand Regulator or 802260-04 Pressure Demand Regulator
97	Portable Air Supply	700	Model 700 "E" ESCBA MS200000 Storage Case 7090 carrying case
98	Scott	900228-00 900228-01	802236-01 PD Regulator 802235-01 Exhalation Valve 801450-05 Facepiece Assy 802181-04 Harness & Back Plate Assy 800010-15 Cylinder & Valve Assy 802970-01 Regulator & Manifold Assy 15219 or 6141 Ext Hose 300' Max 60158-00 lens prep kit 80286-01, or -03 nosecup kit

Table 111-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
99	Siebe Gorman	014422.16	014080.25 Facepiece Assy 032821.01 Demand Val & Bth Tube Assy 014731.01 Harness & Backplate Assy 04 1712.01 Cyl & Val Assy
100	Drager	PA 80/P4500	R40290 Harness & Pressure Reducer R50092 Mask Assy R50821 PD Regulator Assy R50810 Cylinder & Valve Assy
101	CSE	AU-9A1	Q150000 Case Bottom Q150001 Cover Q150002 Cylinder Assy Q150003 Demand Valve Q150004 Reducing Valve Q150005 Canister Assy Q150006 Relief Valve Q150007 Breathing Tube Q150008 Breathing Bag Q150009 Neck Strap Q150012 Goggles
102	ISI	707.114.00	071.101.08 Facemask-Positive Pressure 707.113.00 Harness Assembly 060.107.00 Pneumatic assembly 024.035.00 cylinder and valve assembly (Below 32°F add 071.122.00 nosecup assembly
103	Drager	PA-80-221 (R 40645)	(PA-80) R40644 Basic Apparatus R50821 Pressure-Demand Regulator R50092 Positive Pressure Full-Face Mask PA-80 P-2 cylinder and valve assembly
104	Ocenco	EBA 6.5	D14000 Self-Rescuer
105	Survivair	9846-20 9846-22	941877 facepiece 912501 regulator assembly 960712, 960722, or 960732 low pressure warning device 915164 cylinder and valve assembly 945350 back pack assembly 9125-42 back pressure eliminator (Below 32°F add 941330 nosecup kit to above)

Table 111-1. Self-contained breathing apparatus component parts, by approval number

Approval number TC-13F-	Approval issued to	Model number(s)	Component parts, number(s) and description
106	Bendix	7010000-1 7010000-2	3525393-1 Facemask 3529997-1 control module regulator and hose assembly 3529909-1 or 3519909-2 cylinder assembly 7010046-1 cylinder carrier assembly
107	Globe	2840-W	2221-5 facemask 1058-18 cylinder and valve assembly 2644-2 Back pack assembly 2856-2 Regulator 1057-33 carrying case (below 32°F add 2254 nosecup)

Table 111-2. Gas masks component parts, by approval number

Approval number TC-14G-	Approval issued to	Model number(s)	Component parts, number(s) and description
111	Norton	7604L 7604LS 7604LN Obsolete 7604SLN Obsolete	7600-8 or 7600-8S (7600-8SN obsolete) facepiece assembly, 7600-4L (TC-14G-111) canister
112	MSA	469039, 469040	7-203-1, or 7-223-1 facepiece 469041 (TC-14G-112) canister
113	MSA	468921	7-250-1, 7-250-2 or 7-250-3, facepiece, 456651 or 457158 breathing tube, 466058, 466075 or 466076 adapter B1072-8 belt 466221 (TC-14G-105) canister
114	MSA	468922	7-250-1, 7-250-2 or 7-250-3 facepiece, 456651 or 457158 breathing tube, 466058, 466075 or 466076 adapter B1072-8 belt 466219 (TC-14G-106) canister
115	MSA	469268 469269	7-223-1 pr 7-203-1 full facepiece 456651 or 457158 breathing tube 466058, 466075 or 466076 adapter B1072-8 belt 466220 (TC-14G-108) canister
116	MSA	469270	7-250-1, 7-205-2 or 7250-3 facepiece, 456651 or 457158 breathing tube, 466058, 466075 or 466076 adapter B1072-8 belt 466220 (TC-14G-108) canister

Table 111-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
64	Cesco	PI-800-AA PI-800-DA PI-800-NA PI-800-AAHF	801-1-AA, 801-1-DA, 801-1-NA, hood assembly 800-2 or 800-21, breathing tube assembly, 800-315, 800-325, 800-350, 800-375, or 800-310, air supply hose assembly, 800-6, quick disconnect 800-5, harness For Type CE add W-30-2 or W30A cover lens or W-30SB-2, screen to the above
64	U.S. Safety	PI-800-AA PI-800-DA PI-800-NA PI-800-AAHF	801-1-AA, 801-1-DA, 801-1-NA, hood assembly 800-2 or 800-21, breathing tube assembly, 800-315, 800-325, 800-350, 800-375, or 800-310, air supply hose assembly, 800-6, quick disconnect 800-5, harness For Type CE add W-30-2 or W30A cover lens or W-30SB-2, screen to the above
69	3M	W-840-100/50/25 W-286-100/50/25	W-5002, helmet, W-2861, air-regulating valve and W-5114 breathing tube assembly W-9463, helmet W-9435, air supply hose
		W-810-100/50/25	W-5003, BA helmet, W-2861, air-regulating valve and W-5114 breathing tube assembly W-9463, helmet W-9435, air supply hose
		W-870-100/50/25	W-5005, helmet, W-2861, air-regulating valve and W-5114 breathing tube assembly W-9463, helmet W-9435, air supply hose
		W-858-100/50/25	W-5006, BA helmet, W-2861, air-regulating valve and W-5114 breathing tube assembly W-9463, helmet W-9435, air supply hose

Table 111-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
		W-856-100 L, MS W-856-50 L, MS W-856-25 L, MS	W-2810, hood, W-2861, air-regulating valve and W-5114, breathing tube assembly, W-9463, helmet W-9435, air supply hose
		W-280-100/50/25	W-2861, air regulating valve W-9463, belt, W-5201, economy hood and vest, W-9435, air supply hose, W-5114 or W-5115, breathing tube
		W-283-100/50/25	W-2861, air regulating valve W-9463, belt, W-2858, grinding helmet, W-9435, air supply hose, W-5114, breathing tube
		W-292-100/50/25	W-2861, air regulating valve W-9463, belt, W-2875, softcap, W-9435, air supply hose, W-2866, breathing tube
		W321-100 S,M,L W321-50 S,M,L W321-25 S,M,L	W-2907 air regulating valve W2907 W-2810 economy hood/vest W2810 W-5114 breathing tube ins. W5114 W-2929 self-storing hose
		W318-100 W318-50 W318-25	W-2907 air regulating valve W2907 W-2860 hardcap w/shroud W2860 W-2866 breathing tube W2866 W-2929 self-storing hose
		W314-100 W314-50 W314-25	W-2907 air regulating valve W2907 W-5003 welding helmet W5003 W-5114 breathing tube ins. W5114 W-2929 self-storing hose
		W313-100 W313-50 W313-25	W-2907 air regulating valve W2907 W-5005 general purpose helmet W-5005 W-5114 breathing tube ins. W5114 W-2929 self-storing hose

Table 111-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
		W308-100	W-2907 air regulating valve W2907
		W308-50	W-5006 abrasive blasting helmet W5006
		W308-25	W-5114 breathing tube ins. W5114
			W-2929 self-storing hose
		W329-100	W-2907 air regulating valve W2907
		W329-50	W-2975 supplied airhat W-2975
		W329-25	W-5114 breathing tube ins. W5114
			W-2929 self-storing hose
		W332-100	W-2907 air regulating valve W2907
		W332-50	W-2975 supplied air hat W-2975
		W332-25	W-5114 breathing tube ins. W5114
			W-9435-25 high pressure hose
70	3M	W-820-100/50/25	W5003 BA, helmet W6803 CA, vortex with W-5114 breating tube, W-9435, air supply hose
		W-888-100/50/25	W5006 BA, helmet W6803 CA, vortex with W-5114 breating tube, W-9435, air supply hose
		W-880-100/50/25	W-5005, helmet W-6803 CA, vortex with W-5114 breathing tube W-9435, air supply hose
		W-890-100/50/25	W-5002, helmet W6803 CA, vortex with W-5114, breathing tube W-9435, air supply hose
		W-881-100 S,M,L W-881-50 S,M,L W-881-25 S,M,L	W-2810, hood W-6803 CA, vortex with W-5114 breathing tube W-9435, air supply hose
		W-287-100/50/25	

Table 111-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
		W-281-100/50/25	W-6803CA, air and temperature regulating valve W-9435, air supply hose, W-5201, economy hood and vest W-5114, breathing tube assy
		W-284-100/50/25	W-6803 CA vortex with W5114 breathing tube and belt, W-2858, helmet W-9435, air supply hose,
		W-293-100/50/ 25	W-2862, vortex with belt, W-2875, softcap, W-9435, air supply hose W2866, breathing tube
		W-322-100 S,M,L W-322-50 S,M,L W-322-25 S,M,L	W-2862 Vortex W2862 W-2810 economy hood/vest W2810 W-5114 breathing tube ins. W5114 W2929 self-storing hose
		W-317-100 W-317-50 W-317-25	W-2862 Vortex W2862 W-2860 hardcap w/shroud W2860 W-2866 breathing tube ins. W2866 W2929 self-storing hose
		W-317-100 W-317-50 W-317-25	W-2862 Vortex W2862 W-5005 general purpose helmet W5005 W-5114 breathing tube ins. W5114 W-2929 self-storing hose
		W-315-100 W-315-50 W-315-25	W-2862 Vortex W2862 W-5003 welding helmet W5003 W-5114 breathing tube ins. W5114 W-2929 self-storing hose
		W-311-100 W-311-50 W-311-25	W-2862 Vortex W2862 W-5006CA abrasive blasting helmet W-5006 W-5114 breathing tube ins. W5114 W-2929 self-storing hose

Table 111-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
		W-310-100 W-310-50 W-310-25	W-2862 Vortex W2862 W-5006CA abrasive blasting helmet W-5006 W-5114 breathing tube ins. W5114 W-2929 self-storing hose
		W-328-100 W-328-50 W-328-25	W-2862 Vortex W2862 W-2975 supplied airhat W2975 W-5114 breathing tube ins. W5114 W-2929 self-storing hose
		W-330-100 W-330-50 W-330-25	W-2862 Vortex W2862 W-2975 supplied airhat W2975 W-5114 breathing tube ins. W5114 W-9435 high pressure hose
84	Bullard	77 46	77-0, helmet assembly, 464, capes, 46-4 HP or 77-AC, valves, V-10-25-ST or V-10-25-EXT, air supply hoses 77-1-B and 77-1, lenses 690-2 air control/air entry system
84	Anderson	77 46	77-0, helmet assembly, 464, capes, 46-4 HP or 77-AC, valves, V-10-25-ST or V-10-EXT, air supply hoses 77-1-B and 77-1, lenses 690-2 air control/air entry system
84	Bowen	77 46	77-0, helmet assembly, 464, capes, 46-4 HP or 77-AC, valves, V-10-25-ST or V-10-EXT, air supply hoses 77-1-B and 77-1, lenses 690-2 air control/air entry system
84	A-BEC	77 46	77-0, or 46-0 helmet assembly, 464, capes, 46-4 HP or 77-AC, valves, V-10-25-ST or V-10-25-EXT, air supply hoses 77-1-B, 77-1, 46-1B and 46-1 lenses. 690-2 air control/air entry system

Table 111-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
84	Schmidt	77 46	77-0, or 46-0 helmet assembly, 464, capes, 46-4 HP or 77-AC, valves, V-10-25-ST or V-10-25-EXT, air supply hoses 77-1-B, 77-1, 46-1B and 46-1 lenses 690-2 air control/air entry system
84	Pauli&Griffin	77 46	77-0, or 46-0 helmet assembly, 464, capes, 46-4 HP or 77-AC, valves, V-10-25-ST or V-10-25-EXT, air supply hoses 77-1-B, 77-1, 46-1B and 46-1 lenses 690-2 air control/air entry system
84	Empire	77 46	77-0, or 46-0 helmet assembly, 464, capes, 46-4 HP or 77-AC, valves, V-10-25-ST or V-10-25-EXT, air supply hoses 77-1-B, 77-1, 46-1B and 46-1 lenses 690-2 air control/air entry system
84	Air Components	77 46	77-0, or 46-0 helmet assembly, 464, capes, 46-4 HP or 77-AC, valves, V-10-25-ST or V-10-25-EXT, air supply hoses 77-1-B, 77-1, 46-1B and 46-1 lenses 690-2 air control/air entry system
84	Kelco	77 46	77-0, or 46-0 helmet assembly, 464, capes, 46-4 HP or 77-AC, valves, V-10-25-ST or V-10-25-EXT, air supply hoses 77-1-B, 77-1, 46-1B and 46-1 lenses 690-2 air control/air entry system
84	Porter Warner	77 46	77-0, or 46-0 helmet assembly, 464, capes, 46-4 HP or 77-AC, valves, V-10-25-ST or V-10-25-EXT, air supply hoses 77-1-B, 77-1, 46-1B and 46-1 lenses 690-2 air control/air entry system

Table 111-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
84	Titan	77 46	77-0, or 46-0 helmet assembly, 464, capes, 46-4 HP or 77-AC, valves, V-10-25-ST or V-10-25-EXT, air supply hoses 77-1-B, 77-1, 46-1B and 46-1 lenses. 690-2 air control/air entry system
84	Clark Sand	77 46	77-0, or 46-0 helmet assembly, 464, capes, 46-4 HP or 77-AC, valves, V-10-25-ST or V-10-25-EXT, air supply hoses 77-1-B, 77-1, 46-1B and 46-1 lenses. 690-2 air control/air entry system
84	Key Houston	77 46	77-0, or 46-0 helmet assembly, 464, capes, 46-4 HP or 77-AC, valves, V-10-25-ST or V-10-25-EXT, air supply hoses 77-1-B, 77-1, 46-1B and 46-1 lenses. 690-2 air control/air entry system
84	Sulliblast	77 46	77-0, or 46-0 helmet assembly, 464, capes, 46-4 HP or 77-AC, valves, V-10-25-ST or V-10-25-EXT, air supply hoses 77-1-B, 77-1, 46-1B and 46-1 lenses. 690-2 air control/air entry system
84	Ace Enterprises	77 46	77-0, or 46-0 helmet assembly, 464, capes, 46-4 HP or 77-AC, valves, V-10-25-ST or V-10-25-EXT, air supply hoses 77-1-B, 77-1, 46-1B and 46-1 lenses. 690-2 air control/air entry system
84	Clemtex	77 46	77-0, or 46-0 helmet assembly, 464, capes, 46-4 HP or 77-AC, valves, V-10-25-ST or V-10-25-EXT, air supply hoses 77-1-B, 77-1, 46-1B and 46-1 lenses. 690-2 air control/air entry system

Table 111-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
87	3M	W-270-100/50/25	W-2817, vortemp with W5114 breathing tube and belt, W-5005, helmet, W-9435, air supply hose,
87	3M	W-271-100/50/25	W-2817, vortemp with W5114 breathing tube and belt, W-5006, helmet, W-9435, air supply hose,
87	3M	W-272-100/50/25	W-2817, vortemp with W5114 breathing tube and belt, W-5003, helmet, W-9435, air supply hose,
87	3M	W-274-100 S,M,L W-274-50 S,M,L W-274-25 S,M,L	W-2817, vortemp with W5114 breathing tube and belt, W-2810, hood W-9435, air supply hose,
87	3M (Obsolete)	W-277-100 S,M,L	W-2817, vortemp with W5114 breathing tube and belt, W-2850, softcap, W-9435, air supply hose,
87	3M	W-282-100/50/25	W-2817, vortemp with W5114 breathing tube and belt, W-5201, hood, W-9435, air supply hose,
87	3M	W-285-100/50/25	W-2817, vortemp with W5114 breathing tube and belt, W-2858, helmet, W-9435, air supply hose,
87	3M	W-294-100/50/25 W-288-100/50/25	W-2863, vortemp, W-2875, softcap, W-9435, air supply hose, W-2866, breathing tube assembly,
87	3M	W-320-100 S,M,L W-320-50 S,M,L W-320-25 S,M,L	W-2863 vortemp W-2810 economy hood/vest W2810 W-5114 breathing tube ins. W5114 W-2929 self-storing hose

Table 111-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
87	3M	W-319-100 W-319-50 W-319-25	W-2863 vortemp W-2860 hardcap w/ shroud W2860 W-2866 breathing tube W2866 W-2929 self-storing hose
87	3M	W-323-100 W-323-50 W-323-25	W-2863 vortemp W-5003 economy hood/vest W5003 W-5114 breathing tube ins. W5114 W-2929 self-storing hose
87	3M	W-312-100 W-312-50 W-312-25	W-2863 vortemp W-5005 general purpose helmet W5005 W-5114 breathing tube ins. W5114 W-2929 self-storing hose
87	3M	W-309-100 W-309-50 W-309-25	W-2863 vortemp W-5006CA abrasive blasting helmet W5006 W-5114 breathing tube ins. W5114 W-2929 self-storing hose
87	3M	W-327-100 W-327-50 W-327-25	W-2863 vortemp W-2975 supplied air hat W2975 W-5114 breathing tube ins. W5114 W-2929 self-storing hose
87	3M	W-331-100 W-331-50 W-331-25	W-2863 vortemp W-2975 supplied airhat W2975 W-5114 breathing tube ins. W5114 W-9435 high pressure hose
96	Cesco	801-AA 801-DA 801-NA 801-AA HF	801-1-AA, 801-1-DA or 801-1-NA, hood assembly 801-2, breathing tube assembly, 801-5, harness assembly, 800-6, quick disconnect assembly, 800-315, 800-325, 800-350, 800-375, or 800-310, air supply hose assembly For Type CE add W-30-2 or W30A, cover lens or W-30SB-2, screen to the above.

Table 111-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
96	U.S. Safety	801-AA 801-DA 801-NA 801-AA HF	801-1-AA, 801-1-DA or 801-1-NA, hood assembly 801-2, breathing tube assembly, 801-5, harness assembly, 800-6, quick disconnect assembly, 800-315, 800-325, 800-350, 800-375, or 800-310, air supply hose assembly For Type CE add W-30-2 or W30A, cover lens or W-30SB-2, screen to the above.
102	Bullard	999-3 999-5 999-6 999-7 999-8	687 helmet, 690-1 or 690-2 air-controls, ESDMY suspension, 691 or 692 or 1164 cape, 605 inner-lens 468 outer-lens V-10 hoses and V-20 hose, 1300 air-control hot/cold tube
102	Clemco	999-4 999-7 999-8	687 helmet, 690-1 or 690-2 air-controls, ESDMY suspension, 691 or 692 or 1164 cape 46-1-B inner-lens, 468 outer-lens, V-10 hoses, V-20 hoses, 1300 air-control hot/cold tube
102	Bullard Anderson Bowen Tools Pauli&Griffin Empire Kelco Titan A-BEC Schmidt Key Houston Ace Clemtex Clemco Binks Air Components Sulliblast	999-3-1 999-3-2 999-3-3 999-3-4 999-3-5 999-3-6 999-3-7 999-3-8 999-3-9 999-3-10 999-3-11 999-3-12 999-3-13 999-3-14 999-3-15 999-3-16	687 helmet, 690-1 or 690-2 air-control, ESDMY suspension, 691 or 692 or 1164 cape, 605 inner-lens 468 outer-lens, V-10 hoses and V-20 hose, 1300 air-control hot/cold tube.

Table 111-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
102	Bullard	999-4-1	687 helmet, 690-1 or 690-2 air-control, ESDMY suspension, 691 or 692 or 1164 cape, 605 inner-lens 468 outer-lens, V-10 hoses and V-20 hose, 1300 air-control hot/cold tube
	Anderson	999-4-2	
	Bowen Tools	999-4-3	
	Pauli&Griffin	999-4-4	
	Empire	999-4-5	
	Kelco	999-4-6	
	Titan	999-4-7	
	A-BEC	999-4-8	
	Schmidt	999-4-9	
	Key Houston	999-4-10	
	Ace	999-4-11	
	Clemtex	999-4-12	
	Clemco	999-4-13	
	Binks	999-4-14	
	Air Components	999-4-15	
	Sulliblast	999-4-16	
102	Bullard	999-5-1	
999-5-2 through 999-5-16 same as above			
102	Bullard	999-6-1	
999-6-2 through 999-6-16 same as above			
102	Bullard	999-7-1	
999-7-2 through 999-7-16 same as above			
102	Bullard	999-8-1	
999-8-2 through 999-8-16 same as above			
123	3M	W-298-25/50/100	W-2908, facepiece, W-2888, breathing tube assembly W-9435-25, -50, -100, high pressure hose
124	Safety and Supply	RC2095	RC2095-HA, SC, ST, B-HA, B-SC, B-ST, G-HA, G-SC, G-ST, GY-HA, GX-SC, GY-ST, R-HA, R-SC, R-ST, W-HA, W-SC or W-ST hood and belt, 6000 series -HA, OSC, or -ST, airline hose, One length of either 4052-HA, -SC, or -ST, recoil hose may be substituted for one length of the 6000 series hose

Table 111-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
126	U.S. Safety Service	153	153A-00 or 153-M-00 facepiece assy, 16133, breathing tube assembly, 152-A-02, harness assembly, 152-A-03, quick disconnect assy, 152-A-04, control valve assy, 152-25 or 152-50 air supply hose assembly,
127	Cesco	98	98-A-00 or 98-M-00 facepiece assy, 16133, breathing tube assembly, 152-A-02, harness assembly, 152-A-03, quick disconnect assy, 152-A-04, control valve assy, 152-25 or 152-50 air supply hose assembly,
129	MSA	468697	96680 (7-203-1) Facepiece Assy 468766 Connector Assy 9961 Belt 455021, 455022, Air Supply Hose 454999 Quick Release Connector
130	Clemco	04400 04401 04402	04412 Helmet Assy 04410 Cool Tube Assy 04435 Cape 04495 Mylar Cover Lens 04494 Acetate Outer Lens 04493 Acetate Inner Lens 04501-00 Climate Control Tube
131	Bullard	1414	PA010 System 1400 Supplied Air Respirator, Type C, PA015 flow control valve, belt mounted, part no. 46-4-LP and PA044 accessory air control/air entry, part no. 1420-2, and accessory air supply hose, part no. V-20-100-ST 1419 outer cape, 1418 inner cape, 1415 neck ring, 1416 clamps (2), 1420-1 air control system and 10 to 100 feet of V-10 hose

Table 111-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
132	Bullard	1515	PA010 System 1515 Supplied Air Respirator, Type C, PA015 flow control valve, belt mounted, part no. 46-4-LP and PA044 accessory air control/air entry, part no. 1420-2, and accessory air supply hose, part no. V-20-100-ST 1501 outer cape, 1420-1 air control system & 10-100 feet of V-10 hose
133	Racal	AH30	AS-917 Helmet and Faceshield Assy AS-909 Air Regulating Assy (Belt, Valve, Breathing Tube) AS10001 Air Supply Hose
134	Racal	AH31	AS10013 Welding Helmet & Faceshield Assy AS909 Air Regulating Assy (Belt, Valve, Breathing Tube) AS10001 Air Supply Hose
135	Racal	AH33	AS-10013 Welding Helmet & Faceshield Assy AS10022 Vorstream Tube Assy AS10004 Breathing Tube AS10001 Air Supply Hose
136	Racal	AH32	AS-917 Helmet & Faceshield Assy AS10022 Vorstream Tube Assy AS10004 Breathing Tube AS1001 Air Supply Hose
137	Racal	AC30	AS10052 Airpath & Faceshield Assy AS10004-2 Breathing Tube AS10002 Air Reg Valve Assy AS10003 Strap Assy AS10001 Air Supply Hoses
138	Racal	AC32	AS10052 Airpath & Faceshield Assy AS10023 Leather Pad AS10024 Vorstream Tube AS10025 Nylon Belt AS1004-2 Breathing Tube AS10001 Air Supply Hose

Table 111-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
139	Racal	AC38	AS10052 Airpath & Faceshield Assy AS10023 Leather Pad AS10034 Cold Stream Tube AS10025 Nylon Belt AS10004-2 Breathing Tube AS1001 Air Supply Hose
140	NPO	SAR 100NH-AY/BY/ CY/C-1Y/DY SAR 100NH-AB/BB/ CB/C-1B/DB SAR 100NH-AC/BC/ CC/C-1C/DC SAR 101H-AG/BG/CG C-1G/DG SAR 101H-AR/BR/ CR/C-1R/DR, SAR 102H-AY/BY/CY C-1Y/DY SAR 102H-AB/BB/ CB/C-1B/DB SAR 102H-AC/BC/CC C-1C/DC SAR 100NH-AG/BG/ CG/C-1G/DG SAR 100NH-AR/BR/CR C-1R/DR SAR 101H-AY/BY/CY C-1Y/DY SAR 101H-AB/BB/CB C-1B/DB SAR 101H-AC/BC/CC C-1C/DC SAR 102H-AG/BC/GG/ C-1G/DG SAR 102H-AR/BR/CR C-1R/DR	SAR 220 HAY, G, B, R, C, SAR 221 HAY, G, B, R, C, SAR 22 HAY, G, B, R, C, Hood Assembly; RP220 HPY/HPC, RP221 HPY/RP221 HPC, RP222 HPY/HPC Headpiece Assembly; RP240 CA/A Inner and Outer Cape Assembly; SAR 300 AD Air Distribution Assembly; SAR 400 BA Belt Assesmbly; and, 510AL, 511AL, 512AL, 525AL Supplied Air Hose Assembly. These parts are to be marked with the indicated numbers in a legible and permanent manner marking cannot be removed without evidence of its previous presence
141	Racal	AT-30	AS11032 hood AS910 standard belt AS11023 AT headband AS11043 breathing tube AS11044 noise diffuser assembly AS11040 flowstream valve assembly AS10001 hose assembly

Table III-3. Supplied-air respirators component parts, by approval number.

Approval number TC-19C-	Approval issued to	Model number(s)	Component parts, number(s) and description
142	Racal	AT-32	AS11032 hood AS11023AT headband AS11042 breathing tube AS11045 noise diffuser assembly AS10022 vorstream and tube assembly AS10001 hose assembly
143	Racal	AT-38	AS110342 hood AS11023 AT headband AS11043 breathing tube AS11044 noise diffuser assembly AS10001 hose assembly
144	Mohawk	S-1010 S-1020	2010 Hood (10" dia.) and breathing tube assembly 2020 Hood (12" dia.) and breathing tube assembly 5010 Airline (50 feet) 5020 Airline (100 feet)

Table 111-4. Dust, fume and mist respirators component parts, by approval number.

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
133	MSA	459440, 466252 466530, 466253 466531, 466254	7-201-1, 7-201-2 or 449703, facepiece, 459032, filter (TC-21C-133) 459027, filter covers
134	MSA	459438	7-201-1, 7-201-2, 449703, 466487, or 446486 facepiece
		461011 465360 465936	459321, filters (TC-21C-134), For belt mounted, 7-202-1, 7-202-2 or 7-202-3 facepiece, breathing tube and plenum assembly and 459321 (TC-21C-134) filters
135	MSA	459439 461010	7-201-1, 7-201-2, 449703, or 466486, facepiece, 459322, filters (TC-21C-135). For belt mounted, 7-201-2 7-202-2, or 7-202-3 facepiece, breathing tube, and plenum assy and 459322 filters.
136A	3M	W-250 W-252 W-254 W-255 W-260-12 W-260-24 W-261-12, S,M,L W-261-24, S,M,L W-266-12 W-266-24 W-267 obsolete W-278-12 W-278-24 W-289-12 W-289-24 W-290 W-295-12 W-295-24 W-297	W-2031, filter, W-2009AA or W-2009AD, back pack harness, or W-2008, W-20088A or 2008-24, machine mounting, W-5005, W-50038A, W-5002, W-5201 W-2810, or W-2850, helmet W-2851 or W-2875, softcap, or W-2860, hardhat/shroud, 9450, belt, W-5108, W-2884, W-2877, W-2090, breathing tube

Table 111-4. Dust, fume and mist respirators component parts, by approval number.

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
137	3M	W-251 W-265-12 W-265-24	W-2031, filter, W-2090 or W5108, breathing tube, W-2009AD or W-2009AA, back pack harness, W-2008, W-2008BA, W-2008-24, machine mounting, W5006BA, sandblasting helmet, 9450, belt,
149	Scott	662-1 662-2 6150-0050 6150-1050 6150-2050 6155-0050 6155-1050 6155-2050 6160-0050 6160-1050 6160-2050 6170-0050, 6165-0050 6170-1050, 6165-1050 6170-2050, 6165-2050	805, 742, 600100-00, 600100-01, 600121-00, 802167-01, or 801450-40 facepiece assembly, 802240-01, harness and 802472-01 canister adapter with 604100-50, filter. 502-R, filter,
151	Norton	7506 7506M 7506S 7506L	7500-30, 7500-30S, 7500-30M, or 7500-30L facepiece assembly N7500-6 filter N7500-27 fit check/filter cover N7500-13 filter holder
152	Norton	7580S 7580M 7580L	7500-30, 7500-30S, 7500-30M, or 7500-30L facepiece 7500-8 filter
162	AO	R8100 R2100	51294 or 50270, basic respirator subassembly R100, filter, 51347, filter cover,
165	Pulmosan	L800 10171 10174 10216 10297	10771, body assembly, 10924, 10954, or 10795, face cushion, C-264-7, filter, L-800-8, filter cap

Table 111-4. Dust, fume and mist respirators component parts, by approval number.

Approval number TC-21C-	Approval issued to	Model number(s)	Component parts, number(s) and description
177	Scott	6412-0100 6422-0100 604035-00 6411-2100 6411-3100 6413-2100 6413-3100 6413-0100 6423-0100 6411-0100 6421-0100	add 600131-02 facepiece 600131-03 or 600131-01, facepiece with 600109-00 or 600118-00, head straps, or 600126-00 facepiece assembly 64134-00, filter holder, 64100-00 or 68214-01 filter retainer 64127-00 or 64172-01 (TC-21C-177) filter
178	Scott	6412-0050 6422-0050	600131-03 or 600131-01 facepiece with 600109-00 or 600118-00 head straps, or 600126-00, facepiece assembly 604412-50 (TC-21C-178), filter
181	MSA	462240 466212	7-202-1, 7-202-2, or 7-202-3 facepiece, breathing tube and plenum assembly, 459032 (TC-21C-133) filter and 459027 filter cover
186	MSA	463353 463354 467964 463355 466607 466608 467963	463352, 463246, 466356, 466496, 467934, 467938, 467939, 467952, 467953, or 466498 facepiece 463380, motor-blower and hose assembly 463284 (TC-21C-186), filter 463239, battery 463469, belt
191	Norton	7606 7606S 7606N 7606SN	N7500-6 (TC-21C-151) filter N7500-27 filter cover N7500-13 filter holders 7600-8, 7600-8S, 7600-8N, or 7600-8SN full facepiece assembly 7500-6 (TC-21C-151), filters 7500-14, filter covers
196	Cover Eastern Sellstrom	1482-F108 E456 315 F108	B222, respirator, F108 (TC-21C-196) filter, B205, filter retainer
198	Scott	6470-0100	802167-01 facepiece assembly w/802240-01 harness 802451-01 adapter assembly 804412-50 or 604412-50 (TC-21C-178) filters 68215-01 filter retainer

Table III-4 Dust, fume and mist respirators component parts by approval number

Approval number TC-21C-	Approval issued to	Model Number(s)	Component parts, number(s) and description
199	Scott	6470-0050	802167-01 facepiece assembly w/802240-01 harness 802451-01 adapter assembly 804412-50 or 604412-50 (TC-21C-178) filter
200	MSA	466095 466096	7-203-1 or 7-223-1, facepiece 456651 or 457158, breathing tube assembly, 466076, 466058 or 466077, duo flo adapter, 464807 or 88480, filter, 9961, belt, 455021 or 455022, hose
201	MSA	466097 466098 466603	7-250-1, 7-250-2, 466497, or 466498, facepiece 456651 or 457158, breathing tube assembly, 466076, 466058 or 466077, duo flo adapter, 464807 or 88480, filter, 9961, belt, 455021 or 455022, hose
203	Norton	7507S 7507L 7507 7507M	7500-30S, 7500-30L facepiece 7500-30 or 7500-30M, half mask ass'y 7500-7 (TC-21C-203), filters
209	Scott	6411-0300 6413-0300 6423-0300 6421-0300 6412-0300 6422-0300	600131-01, 600131-02 or 600131-03, facepiece, 600109-00 or 600118-00, head harness, 68246-01 (TC-21C-209), filters 68214-01, filter holders, 68247-01, filter retainers
221	Pulmosan	10303 10309 10306 10312	17299 body assembly 10792, 10924, 10954, or 10795 face cushion C-264-7 (TC-21C-157) filter 10945 filter cap
222	Willson	1213, 1213S, 1213SR	AR700 or AR700S facepiece R13 (TC-23C-52) filters
223	Willson	1613, 1713	AR1600 or AR1700 facepiece R13 (TC-23C-52) filters

Table III-4 Dust, fume and mist respirators component parts by approval number

Approval number TC-21C-	Approval issued to	Model Number(s)	Component parts, number(s) and description
224	3M	9906	9906 Respirator Assembly
225	3M	W-316 W-343	W-2940 helmet assembly or W-2990 miners helmet W-2954 battery pack assembly W-2953 (TC-21C-225) filter W-2951 prefilter W-2963 belt W-2933 battery charger
226	Cesco	95RC18	95 facepiece RC18 (TC-21C-226) filters 14494 prefilter (optional) 14873 retainer (optional)
227	Cesco	96RC18	96 facepiece RC18 (TC-21C-226) filters 14494 prefilter (optional) 14873 retainer (optional)
228	U.S. Safety	150T12	150 facepiece 158T12 (TC-21C-228) filters 14494 prefilter (optional) 14873 retainer (optional)
229	U.S. Safety	151T12	151 facepiece 158T12 (TC-21C-228) filters 14494 prefilter (optional) 14873 retainer (optional)
230	AO	R7056	51512 facepiece R56 (TC-21C-161) filters
231	H.S.Cover	1482-G108	B22 facepiece G108 (TC-21C-231) filters
232	U.S.Divers	2210-00 2330-00 2130-00	2200-01, 2300-00, 2100-00 facepiece, 1400-54 filter retainer, 1010-00 (TC-21C-232) filters, and 1400-55 filter retainers.
233	3M	9908	9908 respirator
234	3M	9913	9913 respirator
235	3M	W-325	W-2980 helmet, W-2953 (TC-21C-225) filter, W-2951 prefilter, W-2963 belt, W2954 battery pack and W2933 battery charger

Table III-4 Dust, fume and mist respirators component parts by approval number

Approval number TC-21C-	Approval issued to	Model Number(s)	Component parts, number(s) and description
236	U.S.Divers	2230-00 2330-00 2130-00	2200-01, 2300-00 or 2100-00 facepiece, 1400-54 filter holder, 1030-00 (TC-21C-236) filters, and 1400-55 filter retainers
237	Racal	AC3	AS902 Main Housing Assy AS904 Battery Pack AS910 Belt Assy AS905 (TC-21C-212) Filter Assy AS908 Hose AS10050 crown assembly
238	Glendale	GR555	GR555 Respirator
239	3M	9940	9940 Respirator
240	U.S. Safety	150T15	150 half mask facepiece 158T15 (TC-21C-240) filters PI 159T58 filter holders 14876 filter retainers
241	Cesco	95RC19	95 half mask facepiece RC19 (TC-21C-241) filters PI 159T58 filter holders 141876 filter retainers
242	U.S. Safety	151T15	151 full facepiece 158T15 (TC-21C-240) filters PI 159T58 filter holders 14876 filter retainers
243	Cesco	96RC19	96 full facepiece RC19 (TC-21C-241) filters PI 159T58 filter holders 14876 filter retainers
244	U.S.D.	2190-00 2290-00 2390-00	2100-00, 2200-00 or 2300-00 half mask assembly 1090-00 (TC-21C-244) filters
245	U.S.D.	3290-00	3200-00 full facepiece 1090-00 (TC-21C-244) filters
246	3M	W-344	W3003 filter (TC-21C-246) W2995 helmet assembly W2954 battery pack W2963 belt W2933 battery charger
247	3M	9901 6982	9901 or 6982 (TC-21C-247) respirator

Table III-5 Chemical-cartridge respirators component parts, by approval number

Approval number TC-23C-	Approval issued to	Model Number(s)	Component parts, number(s) and description
40	MSA	459433 461005 460852	449703, 7-201-1, 7-201-2, 466486, 466487, facepiece, 459315 (TC-23C-40), cartridges, For belt mounted 7-202-1 7-202-2 or 7-202-3 facepiece, breathing tube, and plenum assembly, and 459315 (TC-23C-40) cartridges, For dusts and mists add 459032 (TC-21C-133) filters and 459027 filter covers to above.
41	MSA	459434 461006	449703, 7-201-1, 7-201-2, 466486, 466487, facepiece, 459316 (TC-23C-41), cartridges, For belt mounted 7-202-1 7-202-2 or 7-202-3 facepiece, breathing tube, and plenum assembly, and 459316 (TC-23C-41) cartridges, For dusts and mists add 459032 (TC-21C-133) filters and 459027 filter covers to above.
43	MSA	459436 461008	449703, 7-201-1, 7-201-2, 466486, 466487, facepiece, 459318 (TC-23C-43), cartridges, For belt mounted 7-202-1 7-202-2 or 7-202-3 facepiece, breathing tube, and plenum assembly, and 459318 (TC-23C-43) cartridges, For dusts and mists add 459032 (TC-21C-133) filters and 459027 filter covers to above.
47	MSA	459435 461007	449703, 7-201-1, 7-201-2, 466486, 466487, facepiece, 459317 (TC-23C-40), cartridges, For belt mounted 7-202-1 7-202-2 or 7-202-3 facepiece, breathing tube, and plenum assembly, and 459317 (TC-23C-47) cartridges, For dusts and mists add 459032 (TC-21C-133) filters and 459027 filter covers to above.

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Table III-5 Chemical-cartridge respirators component parts, by approval number

Approval number TC-23C-	Approval issued to	Model Number(s)	Component parts, number(s) and description
49	Norton	7501S 7501L 7501 7501M	7500-30S, 7500-30L facepiece N7500-1, N7500-1P N7500-1S, N7500-2SA (TC-23C-49) cartridges 7500-30 or 7500-30M, facepiece or 75BP-30 or 75BP-30M, facepiece assembly 7500-01, 7500-1F, 7500-1S, 7500-1SA (TC-23C-49), cartridges
63	Norton	7504S 7504L 7504 7504M	7500-30S, 7500-30L facepiece N7500-4, N7500-4F, N7500-4SA (TC-23C-63) cartridges 7500-30 or 7500-30M, facepiece assembly 7500-4, 7500-4F, or 7500-4SA (TC-23C-63) cartridges
64	Norton	7514S 7514L 7514 7514M	7500-30S, 7500-30L facepiece N7500-4, N7500-4F, N7500-4SA (TC-23C-63) cartridges 7500-30 or 7500-30M, facepiece assembly 7500-4, 7500-4F, 7500-4SA (TC-23C-63), cartridges 7500-6 (TC-21C-151) filters 7500-14, filter covers
65	Norton	7503S 7503L 7503 7503M	7500-30S, 7500-30L facepiece N7500-3, N7500-3F, N7500-3S N7500-2SA (TC-23C-65) cartridges 7500-30 or 7500-30M, facepiece assembly 7500-3, 7500-3F, 7500-3S, 7500-3SA (TC-23C-65) cartridges
66	Norton	7513S 7513L 7513 7513M	7500-30S, 7500-30L facepiece N7500-3 (TC-23C-65) cartridges N7500-6 (TC-21C-151) filters N7500-27 fit check/filter cover 7500-30 or 7500-3M, facepiece assembly 7500-3 (TC-23C-65), cartridges 7500-6 (TC-21C-151) filters 7500-14, filter covers

Table III-5 Chemical-cartridge respirators component parts, by approval number

Approval number TC-23C-	Approval issued to	Model Number(s)	Component parts, number(s) and description
73	Norton	7511S 7511L 7511 7511M	7500-30S, 7500-30L facepiece N7500-1, N7500-1F, N7500-1S N7500-1SA (TC-23C-49) cartridges N7500-6 (TC-21C-151) filters N7500-27 fit check/filter cover 7500-30 or 7500-30M, facepiece assembly 7500-1, 7500-1F, 7500-1S, 7500-1SA (TC-23C-49) cartridge 7500-6 (TC-21C-151) filters 7500-14, filter covers
74	Norton	7549S 7549L 7549 7549M	7500-30S, 7500-30L facepiece 7500-30 or 7500-30M, facepiece assembly 7500-21, 7500-21F, 7500-1S, 7500-1SA (TC-23C-74), cartridge
75	Norton	7531S 7531L 7531 7531M	7500-30S, 7500-30L facepiece N7500-1, N7500-1F, N7500-1S N7500-10 (TC-23C-75) filters N7500-27 fit check/filter cover 7500-30 or 7500-30M, facepiece assembly 7500-1, 7500-1F, 7500-1S 7500-1SA (TC-23C-49) cartridges 7500-10 (TC-23C-75) filters 7500-26, filter covers
79	MSA	448848 461009	449703, 7-201-1, 7-201-2, or 7-206-1, 466486, 466487 facepiece assy 448847 (TC-23C-79), cartridges, For belt mounted, 7-202-1, 7-202-2 and 7-202-3 facepiece breathing tube and plenum assy and 448847 (TC-23C-79), cartridges
80	MSA	448849, 462241 460853, 466249, 466250, 466251, 466255, 466528, 466529, 468011, 468012, 468013, 468014	449703, 7-201-1, 7-201-2, 7-206-1 facepiece assembly, 459315 (TC-23C-40), cartridges 448842 (TC-23C-80), filters, 448844, filter covers For belt mounted, 7-202-1 facepiece, breathing tube and plenum assembly, 459315 (TC-23C-40), cartridges, 448842 (TC-23C-80), filters, and 448844 filter covers

Table III-5 Chemical-cartridge respirators component parts, by approval number

Approval number TC-23C-	Approval issued to	Model Number(s)	Component parts, number(s) and description
91	Pulmosan	C-259 10024 10198 10222 10282	10768, body assembly 10792, 10954, or 10924, face cushion, 17160 (TC-23C-81), cartridge, C-264-7 (TC-21C-157), filter C-200-8, filter cap,
97	AO	R5091P R4091P R6091P	50206, 50440, 50625, 50119, basic respirator subassembly R91 (TC-23C-97/98), cartridge
100	Pulmosan	C-251 10006 10180 10225 10267	10768, body assembly 10928, 10954, or 10792, face cushion, 17160 (TC-23C-81), cartridge C-251-7 (TC-23C-100) filter C-200-8, filter cap.
102	Norton	75BP01L 75BP01 75BP01M	75BP306 facepiece N7500-1, N7500-1F, N7500-1S, N7500-1SA (TC-23C-49) cartridges 75BP30 or 75BP30M, facepiece assembly 7500-1, 7500-1F, 7500-1S 7500-1SA (TC-23C-49) cartridges
103	Norton	75BP11L 75BP11 75BP11M	75BP30L facepiece N7500-1, N7500-1F, N7500-1S N7500-1SA (TC-23C-49) cartridges N7500-6 (TC-21C-151) filter N7500-27 fit check/filter cover 75BP30 or 75BP30M, facepiece assembly 7500-1, 7500-1F, 7500-1S 7500-1SA (TC-23C-49) cartridges 7500-6 (TC-21C-151), filter 7500-14, filter covers
104	Norton	75BP03L 75BP03 75BP03M	75BP30L facepiece N7500-3, N7500-3F, N7500-3S N7500-3SA (TC-23C-65) cartridges 75BP30 or 75BP30M, facepiece assembly 7500-3, 7500-3F, 7500-3S, 7500-3SA (TC-23C-65) cartridges

Table III-5 Chemical-cartridge respirators component parts, by approval number

Approval number TC-23C-	Approval issued to	Model Number(s)	Component parts, number(s) and description
105	Norton	75BP13L	75BP30L facepiece N7500-3, N7500-3F, N7500-3S, N7500-3SA (TC-23C-65) cartridges N7500-6 filter N7500-27 fit check/filter cover 75BP30 or 75BP30M, facepiece assembly 7500-3, 7500-3F, 7500-3S, 7500-3SA (TC-23C-65) cartridges 7500-6 (TC-21C-151), filter 7500-14, filter cover
113	Scott	6412-0013 6422-0013 604022-13 6411-2013 6411-3013 6413-2013 6413-3013 6411-0013 6413-0013 6421-0013 6423-0013	600131-00 half mask 600131-03 or 600131-01, facepiece with 600109-00 or 600118-00, head straps or 600126-00 facepiece assembly, 604412-13 or 604500-13 (TC-23C-113), cartridge
114	Scott	6412-0113 6422-0013 604032-13 6411-2113 6411-3113 6413-2113 6413-3113 6411-0113 6413-0113 6421-0113 6423-0113	600131-00 half mask 600131-03 or 600131-01, facepiece with 600109-00 or 600118-00, head straps or 600126-00 facepiece assembly, 604412-13 or 604500-13 (TC-23C-113), cartridge 65127-01 or 64172-01 (TC-21C-177) 64100-00 or 68215-01, filter retainer
115	Scott	6412-0001 6422-0001 604022-01 6411-2001 6411-3001 6413-2001 6413-3001 6413-0001 6423-0001 6411-0001 6421-0001	600131-00 half mask 600131-03 or 600131-01, facepiece with 600109-00 or 600118-00, head straps or 600126-00 facepiece assembly, 604412-01 or 604500-01 (TC-23C-115), cartridge

Table III-5 Chemical-cartridge respirators component parts, by approval number

Approval number TC-23C-	Approval issued to	Model Number(s)	Component parts, number(s) and description
116	Scott	6412-0101 6422-0101 604032-01 6411-2101 6411-3101 6413-2101 6413-3101 6413-0101 6423-0101 6411-0101 6421-0101	600131-00 half mask 600131-03 or 600131-01 facepiece with 600109-00 or 600118-00 head straps, or 600126-00 facepiece assembly 604412-01 or 604500-01 (TC-23C-115) cartridge 64127-01 (TC-21C-177), filter 64100 or 68215-01 filter retainer
117	Scott Obsolete - Obsolete Obsolete Obsolete	604032-00, 6411-2213 6411-3213 6413-2213 6413-3213 6413-0213 6423-0213 6411-0213 6421-0213 6411-0313 6413-0313 6421-0313 6423-0313 6412-0313 6422-0313	600131-03 600131-01 or 600131-02 facepiece with 600109-00 or 600118-00, head straps or 600126-00, facepiece assembly 604412-13 or 604500-13 (TC-23C-113), cartridge, 68176-00 or 64173-01 (TC-23C-117) filter or 68246-01 (TC-21C-209) filter, 64030-00 or 68216-01, filter retainer,
123	3M	8712 8734 8741 8751	8712 (TC-23C-123), respirator For dusts and mists and 8732 (TC-23C-123), filter, 8733, filter retainer For PEL, add: 8742 filter, 8743 filter retainer For Pesticide add 8752 filter, 8753 filter retainer
156	MSA	461835 462239	7-201-1 or 7-201-2, facepiece or 7-202-1, 7-202-2, or 7-202-3, 466486, 466487, facepiece, breathing tube and plenum assy (belt mounted) 461834 (TC-23C-150), cartridges,

Table III-5 Chemical-cartridge respirators component parts, by approval number

Approval number TC-23C-	Approval issued to	Model Number(s)	Component parts, number(s) and description
157	MSA	460965 462238	7-201-1 or 7-201-2, facepiece or 7-202-1, 7-202-2, or 7-202-3, 466486, 466487, facepiece, breathing tube and plenum assy (belt mounted) 461834 (TC-23C-151), cartridges,
158	MSA	460849 461015	7-201-1 or 7-201-2, facepiece or 7-202-1, 7-202-2, or 7-202-3, 466486, 466487, facepiece, breathing tube and plenum assy (belt mounted) 460845 (TC-23C-152), cartridges,
159	MSA	460847 461013	7-201-1 or 7-201-2, facepiece or 7-202-1, 7-202-2, or 7-202-3, 466486, 466487, facepiece, breathing tube and plenum assy (belt mounted) 460844 (TC-23C-153), cartridges,
160	MSA	460848 461014	7-201-1 or 7-201-2, facepiece or 7-202-1, 7-202-2, or 7-202-3, 466486, 466487, facepiece, breathing tube and plenum assy (belt mounted) 460843 (TC-23C-154), cartridges,
161	MSA	460846 461012	7-201-1 or 7-201-2, facepiece or 7-202-1, 7-202-2, or 7-202-3, 466486, 466487, facepiece, breathing tube and plenum assy (belt mounted) 460842 (TC-23C-155), cartridges,
163	Sellstrom	315-G104 315-G104-F100	B222, respirator assembly, G104 (TC-23C-163), cartridges, F100 (TC-21C-154), filters, For dusts add: F100 (TC-21C-154) filters & B205 filter retainters
172	Scott	6412-0015 6422-0015 6411-2015 6411-3015 604022-15 6413-3015	600131-02 facepiece 600131-01 or 600131-03 facepiece 600109-00 or 600118-00 head straps 600129-00, facepiece assembly 604412-15 or 604500-15

Table III-5 Chemical-cartridge respirators component parts, by approval number

Approval number TC-23C-	Approval issued to	Model Number(s)	Component parts, number(s) and description
		6413-2015	(TC-23C-172) cartridges
		6411-0015	
		6421-0015	
		6413-0015	
		6423-0015	
174	Scott	6412-0115	600131-02 facepiece
		6422-0115	600131-01 or 600131-03 facepiece
		6411-2115	600109-00 or 600118-00 head straps
		6411-3115	
		604022-15	600129-00, facepiece assembly
		6413-3115	604412-15 or 604500-15 (TC-23C-172) cartridges
		6413-2115	
		6411-0115	64127-00 or 64172-01 (TC-21C-177) filters
		6421-0115	
		6413-0015	641000-00 filter retainers
		6423-0015	
175	Norton	75BP31L	75BP30L facepiece
		75BP31	N7500-1, N7500-1F, N7500-1S, N7500-1SA (TC-23C-49) cartridges
		75BP31M	
			N7500-16 (TC-23C-75) cartridges
			N7500-27 fit check/filter cover
			75BP-30 or 75BP-30M facepiece assembly
			7500-1, 7500-1F, 7500-1S 7500-1SA (TC-23C-49) cartridges
			7510-10 (TC-23C-75) filters
			7500-26, filter covers
176	Norton	75BP04L	75BP30L facepiece
		75BP04	N7500-4, N7500-4F, N7500-4SA (TC-23C-63) cartridges
		75BP04M	
			75BP-30 or 75BP-30M facepiece assembly
			7500-4, 7500-4F, 7500-4S 7500-1SA (TC-23C-63) cartridges
177	Norton	75BP14L	75BP30L facepiece
		75BP14	N7500-4, N7500-4F, N7500-4SA, (TC-23C-63) cartridges
		75BP14M	
			N7500-6 (TC-21C-151) filters
			N7500-27 fit check/filter cover
			75BP-30 or 75BP-30M facepiece assembly
			7500-4, 7500-4F, 7500-4SA (TC-23C-63) cartridges
			7500-6 (TC-21C-151) filters
			7500-14, filter covers

Table III-5 Chemical-cartridge respirators component parts, by approval number

Approval number TC-23C-	Approval issued to	Model Number(s)	Component parts, number(s) and description
180	Norton	7601 7601S 7601N 7601SN	N7500-1, N7500-1F, N7500-1S N7500-1SA (TC-23C-49) cartridges 7500-8, 7600-8S, 7600-8N, or 7600-8SN, full facepiece assembly 7500-1, 7500-1F, 7500-1S, or 7500-1SA (TC-23C-49) cartridges
181	Norton	7603 7603S 7603N 7603SN	N7500-3, N7500-3F, N7500-3S, N7500-3SA (TC-23C-65) cartridges 7500-8, 7600-8S, 7600-8N, or 7600-8SN, full facepiece assembly 7500-3, 7500-3F, 7500-3S, or 7500-3SA (TC-23C-65) cartridges
182	Norton	7604 7604S 7604N 7604SN	N7500-4, N7500-4F, N7500-4SA (TC-23C-63) cartridges 7500-8, 7600-8S, 7600-8N, or 7600-8SN, full facepiece assembly 7500-4, 7500-4F, 7500-4S, or 7500-4SA (TC-23C-63) cartridges
185	Norton	7611 7611S 7611N 7611SN	N7500-1, N7500-1F, N7500-1S, N7500-1SA (TC-23C-49) cartridges N7500 (TC-21C-151) filters N7500-27 fit check/filter covers 7600-8, 7600-8S, 7600-8N, or 7600-8SN, full facepiece assembly 7500-1, 7500-1F, 7500-1S, 7500-1SA (TC-23C-49), cartridges, 7500-6 (TC-21C-151) filters 7500-14, filter covers
186	Norton	7613 7613S 7613N 7613SN	N7500-3, N7500-3F, N7500-3S N7500-3SA (TC-23C-65) cartridges N7500-6 filters N7500-27 fit check/filter cover 7600-8, 7600-8S, 7600-8N, or 7600-8SN, full facepiece assembly 7500-3, 7500-3F, 7500-3S, 7500-3SA (TC-23C-63), cartridges, 7500-6 (TC-21C-151) filters 7500-14, filter covers

Table III-5 Chemical-cartridge respirators component parts, by approval number

Approval number TC-23C-	Approval issued to	Model Number(s)	Component parts, number(s) and description
187	Norton	7614 7614S 7614N 7614SN	N7500-4, N7500-4F, N7500-4SA (TC-23C-63) cartridges N7500-6 (TC-21C-151) filters N7500-27 fit check/filter cover 7600-8, 7600-8S, 7600-8N, or 7600-8SN, full facepiece assembly 7500-4, 7500-4F, 7500-4S, 7500-4SA (TC-23C-63), cartridges, 7500-6 (TC-21C-151) filters 7500-14, filter covers
188	Norton		N7500-1, N7500-1F, N7500-1S N7500-1SA (TC-23C-49) cartridges N7500-10 (TC-23C-75) filters N7500-27 fit check/filter covers 7600-8, 7600-8S, 7600-8N, or 7600-8SN, full facepiece assembly 7500-1, 7500-1F, 7500-1S, 7500-1SA (TC-23C-49), cartridges, 7500-10 (TC-23C-75) filters 7500-26, filter covers
202	Cover Eastern Sellstrom	1482-G100-F104 E455 315-G100-F104	B222, respirator assembly, G100 (TC-23C-107), cartridge, F104 (TC-23C-202), filter, B205, filter retainer, Eastern only use E451-6C (TC-23C-107) cartridge.
204	Norton	7581S 7581L 7581 7581M	7500-30S, 7500-30L facepiece 7500-30 or 7500-30M half mask facepiece assembly 7500-81 (TC-23C-204), cartridges
207	Norton	7582S 7582L 7582 7582M	7500-30S, 7500-30L facepiece 7500-30 or 7500-30M half mask facepiece assembly 7500-82 (TC-23C-207), cartridges
210	Norton	7583S 7583L 7583 7583M	7500-30S, 7500-30L facepiece 7500-30 or 7500-30M half mask facepiece assembly 7500-83 (TC-23C-210), cartridges

Table III-5 Chemical-cartridge respirators component parts, by approval number

Approval number TC-23C-	Approval issued to	Model Number(s)	Component parts, number(s) and description
213	Norton	7584S 7584L 7584 7584M	7500-30S, 7500-30L facepiece 7500-30 or 7500-30M half mask facepiece assembly 7500-84 (TC-23C-213), cartridges
218	Scott	6470-0101	802167-01 facepiece assembly w/802240-01 harness 802451-01 adapter assembly 604500-01 (TC-23C-115) cartridges 64172-01 (TC-21C-177) filters 68215-01 filter retainers
219	Scott	6470-0013	802167-01 facepiece assembly w/802240-01 harness 802451-01 adapter assembly 604500-13 (TC-23C-113) cartridges
220	Scott	6470-0113	802167-01 facepiece assembly w/802240-01 harness 802451-01 adapter assembly 604500-01 (TC-23C-113) cartridges 64172-01 (TC-21C-177) filters 68215-01 filter retainers
221	Scott	6470-0015	802167-01 facepiece assembly w/802240-01 harness 802451-01 adapter assembly 604500-15 (TC-23C-172) cartridges
222	Scott	6470-0115	802167-01 facepiece assembly w/802240-01 harness 802451-01 adapter assembly 604500-15 (TC-23C-172) cartridges 64172-01 (TC-21C-177) filters 68215-01 filter retainers
224	Scott	6470-0213	802167-01 facepiece assembly W802451-01 harness 802451-01 adapter assembly 604500-13 (TC-23C-113) cartridges 64173-01 (TC-23C-117) or 68246-01 (TC-23C-209) filters 68216-01 filter retainers
225	Scott	6470-0213	802167-01 facepiece assembly w/802240-01 harness 802451-01 adapter assembly 604500-01 (TC-23C-115) cartridges

Table III-5 Chemical-cartridge respirators component parts, by approval number

Approval number TC-23C-	Approval issued to	Model Number(s)	Component parts, number(s) and description
226	Norton	7502S 7502L 7502 7502M	7500-30S, 7500-30L facepiece N7500-2, N7500-2F, N7500-2SA (TC-23C-122) cartridges 7500-30 or 7500-30M, facepiece assembly 7500-2, 7500-2F, or 7500-2SA (TC-23C-122), cartridges
227	Norton	75BP02L 75BP02 75BP02M	75BP30L facepiece N7500-2, N7500-2F, N7500-2SA (TC-23C-122) cartridges 75BP-30 or 75BP-30M facepiece assembly 7500-2, 7500-2F, or 75002SA (TC-23C-122), cartridge
228	Norton	7602 7602S 7602N 7602SN	N7500-2, N7500-2F, N7500-2SA (TC-23C-122) cartridges 7600-8, 7600-8S, 7600-8N, 7600-8SN, facepiece assembly 7500-2, 7500-2F, or 7500-2SA (TC-23C-122), cartridges
229	Norton	7512S 7512L 7512 7512M	7500-30S, 7500-30L facepiece N7500-2, N7500-2F, N7500-2SA (TC-23C-122) cartridges N7500-6 (TC-21C-151) filter N7500-27 fit check/filter cover 7500-30 or 7500-30M, facepiece assembly 7500-2, 7500-2F, or 7500-2SA (TC-23C-122), cartridges 7500-6 (TC-21C-151), filters 7500-14, filter covers
230	Norton	75BP12L 75BP-12 75BP-12M	75BP30L facepiece N7500-2, N7500-2F, N7500-2SA (TC-23C-122) cartridges N7500-6 (TC-21C-151) filters N7500-27 fit check/filter cover 75BP-30 or 7500-30M, facepiece assembly 7500-2, 7500-2F, or 7500-2SA (TC-23C-122), cartridges 7500-6 (TC-21C-151), filters 7500-14, filter covers

Table III-5 Chemical-cartridge respirators component parts, by approval number

Approval number TC-23C-	Approval issued to	Model Number(s)	Component parts, number(s) and description
231	Norton	7612 7612S 7512N 7612SN	N7500-2, N7500-2F, N7500-2SA (TC-23C-122) cartridges N7500-6 (TC-21C-151) filter N7500-27 fit check/filter cover 7600-8, 7600-8S, 7600-8N, 7600-8SN facepiece assembly 7500-2, 7500-2F, or 7500-2SA (TC-23C-122), cartridges 7600-6 (TC-21C-151), filter 7500-14, filter cover
232	Puritan	10027 10201 10252 10285	10915, 10948 or 10960, facepiece assembly, 17165 (TC-23C-203), cartridge, 17108 (TC-21C-157), filter, 10804, filter retainer
244	MSA	466163	7-202-1, 7-202-2 or 7-202-3, facepiece assembly, 461001, breathing tube assembly 461004, plenum assembly, 461473 (TC-23C-243), cartridges
246	Scott	6412-0301 6422-0301 6411-0301 6413-0301 6421-0301 6423-0301	600131-02 facepiece 600131-01 or 600131-03, facepiece 600109-00 or 600118-00, head harness 604500-01 (TC-23C-115), cartridges 68246-01 (TC-21C-209) filters 68247-01, filter retainers
250	Scott	6412-0315 6422-0315 6411-0315 6413-0315 6421-0315 6423-0315	600131-02 facepiece 600131-00 or 600131-03, facepiece 600109-00 or 600118-00, head harness 604500-15 (TC-23C-172), cartridges 68246-01 (TC-21C-209) filters 68247-01, filter retainers
252	Scott	6412-0004 6422-0004 6411-0004 6413-0004 6421-0004 6423-0004	600131-02 facepiece 600131-01 or 600131-03, facepiece 600109-00 or 600118-00, head harness 604500-04 (TC-23C-252), cartridges

Table III-5 Chemical-cartridge respirators component parts, by approval number

Approval number TC-23C-	Approval issued to	Model Number(s)	Component parts, number(s) and description
254	Scott	6412-0104 6422-0104 6411-0104 6413-0104 6421-0104 6423-0104	600131-02 facepiece 600131-01 or 600131-03, facepiece 600109-00 or 600118-00, head harness 604500-04 (TC-23C-252), cartridges 64172 (TC-21C-177) filters 68215-01, filter retainers
256	Scott	6412-0304 6422-0304 6411-0304 6413-0304 6421-0304 6423-0304	600131-02 facepiece 600131-01 or 600131-03, facepiece 600109-00 or 600118-00, head harness 604500-04 (TC-23C-252), cartridges 68246-01 (TC-21C-209) filters 68247-01, filter retainers
279	Cover Sellstrom	1482-G106 315-G106	B222, facepiece assembly, G106 (TC-23C-279), cartridges,
283	Pulmosan	10018, 10246, 10192 10279	C200 facepiece assembly, 10792, 10924, 10954 or 10795 chin cushion 17171 (TC-23C-283) cartridge
284	Pulmosan	10033, 10207, 10258 10291	C200 facepiece assembly 10792, 10924, 10954 or 10795 chin cushion 17171 (TC-23C-283) cartridge C264-7 (TC-21C-157) filter and C200-8 filter retainers
285	MSA	468023, 468024 468025	7-204-1 facepiece 459315 (TC-23C-40) cartridges 465947 (TC-23C-201) 462603 filter covers
286	MSA	468026, 468027 468028, 468029 468030, 468031	7-202-1, 7-202-2, or 7-203-3 facepiece 459315 (TC-23C-40) cartridges 465947 (TC-23C-201) filters 462603 filter covers
287	U.S. Divers	2201-00 2301-00 2101-00	2200-00, 2300-00 or 2100-00 facepiece 1001-00 (TC-23C-287) cartridge

Approval number TC-23C-	Approval issued to	Model Number(s)	Component parts, number(s) and description
288	Norton	7902	7902 respirator body
289	Willson	1234, 1234S, 1234SH	AR700 or AR700S facepiece R34 (TC-23C-289) cartridges
290	Willson	1734, 1634	AR1600 or A1700 facepiece R34 (TC-23C-289) cartridges
291	Willson	123412 123412S 123412SR	AR700 or AR700S facepiece R34 (TC-23C-289) cartridge R12 (TC-21C-142) filters
292	Willson	163412, 173412	AR1600 or AR1700 facepiece R34 (TC-23C-289) cartridge R12 (TC-21C-142) filters
293	Willson	1231, 1231S, 1231SR	AR700 or AR700S facepiece R31 (TC-23C-293) cartridges
294	Willson	123112, 123112S 123112SR	AR700 or AR700S facepiece R31 (TC-23C-293) cartridges R12 (TC-21C-142) filters
295	Willson	1631 1731	AR1600 or AR1700 facepiece R31 (TC-23C-293)cartridges
296	Willson	163112 173112	AR1600 or AR1700 facepiece R31 (TC-23C-293) cartridge R12 (TC-21C-142) filters
297	3M	8729	8729 (TC-23C-297) respirator
298	Willson	1235 1235S 1235SR	AR700 or AR700S facepiece R35 (TC-23C-298) cartridges
299	Willson	123512 123512S 123512SR	AR700 or AR700S facepiece R35 (TC-23C-298) cartridge R12 (TC-21C-142) filter
300	Willson	1635 1735	AR1600 or AR1700 facepiece R35 (TC-23C-298) cartridge
301	Willson	163512 173512	AR1700 or AR1600 facepiece R35 (TC-23C-298) cartridge R12 (TC-21C-142) filter
302	Cesco	95RC20	95 facepiece RC20 (TC-23C-302) cartridges 14494 prefilters (optional) 14873 retainers (optional)

Approval number TC-23C-	Approval issued to	Model Number(s)	Component parts, number(s) and description
303	U.S. Safety	150T40	150 facepiece 158T40 (TC-23C-303) cartridges 14494 prefilters (optional) 14873 retainers (optional)
304	Cesco	96RC20	96 facepiece RC20 (TC-23C-302) cartridges 14494 prefilters (optional) 14873 retainers (optional)
305	U.S. Safety	151T40	151 facepiece 158T40 (TC-23C-303) cartridges 14494 prefilters (optional) 14873 retainers (optional)
306	Cesco	95RC50	95 facepiece RC50 (TC-23C-306) cartridges 14494 prefilters (optional) 14873 retainers (optional)
307	U.S. Safety	150T41	150 facepiece 158T41 (TC-23C-307) cartridges 14494 prefilters (optional) 14873 retainers (optional)
308	Cesco	96RC50	96 facepiece RC50 (TC-23C-306) cartridges 14494 prefilters (optional) 14873 retainers (optional)
309	U.S.Safety	151T41	150 facepiece 158T41 (TC-23C-307) cartridge 14494 prefilters (optional) 14873 retainers (optional)
310	Cesco	95RC80	95 facepiece RC80 (TC-23C-310) cartridges 14494 prefilter (optional) 14873 retainers (optional)
311	U.S. Safety	150T46	150 facepiece 158T46 (TC-23C-311) cartridges 14494 prefilter (optional) 14873 retainer (optional)
312	Cesco	96RC80	96 facepiece RC80 (TC-23C-310) cartridge 14494 prefilter (optional) 14873 retainer (optional)

Approval number TC-23C-	Approval issued to	Model Number(s)	Component parts, number(s) and description
313	U.S. Safety	151T46	151 facepiece 158T46 (TC-23C-311) cartridges 14494 prefilter (optional) 14873 retainer (optional)
314	Cesco	95RC60	95 facepiece RC60 (TC-23C-314) cartridge 14494 prefilter (optional) 14873 retainer (optional)
315	U.S. Safety	150T42	150 facepiece 158T42 (TC-23C-315) cartridge 14494 prefilter (optional) 14873 retainer (optional)
316	Cesco	96RC60	96 facepiece RC60 (TC-23C-314) cartridge 14494 prefilter (optional) 14873 retainer (optional)
317	U.S. Safety	151T42	151 facepiece 158T42 (TC-23C-315) cartridge 14494 prefilter (optional) 14873 retainer (optional)
318	U.S. Divers	2203-00 2303-00 2103-00	2200-00, 2300-00 or 2100-00 facepiece assembly 1003-00 (TC-23C-318) cartridge
319	Sellstrom	315-G106	B222 facepiece assembly G106 (TC-23C-319) cartridges
320	Pulmosan	10015 10189 10243 10276	10768 respirator body assembly 10792, 10795, 10724, or 10954 face cushion 17168 (TC-23C-320) cartridge
321	U.S.Divers	2221-00 2321-00 2121-00	2200-00, 2300-00 or 2100-00 facepiece assembly 1001-00 (TC-23C-287) cartridge 1020-00 (TC-23C-321) filters 1400-55 or 1400-56 filter retainers
322	U.S.Divers	2211-00 2321-00 2121-00	2200-00, 2300-00 or 2100-00 facepiece assembly 1001-00 (TC-23C-287) cartridges 1010-00 (TC-21C-232) filters 1400-55 filter retainers

Approval number TC-23C-	Approval issued to	Model Number(s)	Component parts, number(s) and description
323	U.S.Divers	2231-00 2331-00 2131-00	2200-00, 2300-00 or 2100-00 facepiece assembly 1001-00 (TC-23C-287) cartridges 1030-00 (TC-21C-236) filters 1400-55 filter retainers
324	Pulmosan	10030, 10204 10255, 10288	10768 Resp. Body 10792, 10795, 10924, 10954 Face cushion 17168 (TC-23C-320) Cartridge C-264-7 (TC-21C-157) Filters C-200-8 Filter Retainers
325	AO	R4051A, R5051A R6051A	50440, 50119 or 50625 facepiece R51A (TC-23C-325) cartridges
326	AO	R7051A	51512 full facepiece R51A (TC-23C-325) cartridges
327	AO	R4051AD R5051AD R6051AD	50440, 50119, or 50625 facepiece R51A (TC-23C-325) cartridges, R30 (TC-21C-144) filters and R185A filter clips
328	AO	R7051AD	51512 full facepiece R51A (TC-23C-325) cartridges, R30 (TC-21C-144) filters R185A filter clips
329	AO	R4054A, R5054A R6054A	50440, 50119, 50625 Half Facepiece R54A (TC-23C-329) cartridges
330	AO	R7054A	51512 Full Facepiece R54A (TC-23C-329) cartridges
331	AO	R4054AD, R5054AD, R6054AD	50440, 50119 or 50625 half facepiece R54A (TC-23C-329) cartridges R30 (TC-21C-144) filters and R185A filter retainers
332	AO	R7054AD	51512 full facepiece R54A (TC-23C-329) cartridges R30 (TC-21C-144) filters R185A filter retainers
333	AO	R4051AP, R5051AP R5051AP	50440, 50119 or 50625 half mask R51A (TC-23C-325) cartridges R49A (TC-23C-333) filters R185A filter clips

Approval number TC-23C-	Approval issued to	Model Number(s)	Component parts, number(s) and description
334	AO	R7051AP	51512 full facepiece R51A (TC-23C-325) cartridges R49A (TC-23C-333) filters R185A filter clips
335	DeVilbiss (AO)	MSP-508	51342 Half Mask MSP411 (TC-23C-335) Cartridge MSP410 (TC-23C-335) Filters MSP409 Filter Clips
336	U.S. Safety	150T35	150 half mask facepiece 158T20 (TC-23C-118) cartridges 158T15 (TC-21C-240) filters 14876 filter retainers
337	Cesco	95RC115	95 half mask facepiece RC25 (TC-23C-119) cartridges RC19 (TC-21C-241) filters 14876 filter retainer
338	U.S. Safety	151T35	151 full facepiece 158T20 (TC-23C-118) cartridges 158T15 (TC-21C-240) filters 14876 filter retainers
339	AO	R4052A, R5052A R6052A	50440, 50119, 50625 half mask R52A (TC-23C-339) cartridges
340	AO	R7052A	51512 full facepiece R52A (TC-23C-339) cartridges
341	AO	R4052AD, R5052AD 6052AD	50440, 50119, 50625 half mask R52A cartridges (TC-23C-339) R30 (TC-21C-144) filters R185A filter clips
342	AO	R705AD	51512 full facepiece R52A (TC-23C-339) R30 (TC-21C-144) filters R1856A filter clips
343	AO	R4053A, R5053A R6053A	50440, 50119, 50625 half mask R53A (TC-23C-343) cartridges
344	AO	R7053A	51512 full facepiece R53A (TC-23C-343)
345	AO	R4053AD, R5053AD R6053AD	50440, 50119, 50625 half mask R53A (TC-23C-343) cartridges R30 (TC-21C-144) filters R185A filter clips

Approval number TC-23C-	Approval issued to	Model Number(s)	Component parts, number(s) and description
346	AO	R7053AD	51512 full facepiece R53A (TC-23C-343) cartridges R30 (TC-21C-144) filters R185A filter clips
347	Eastern	E453	B222 facepiece E453-6C (TC-23C-237) cartridges
348	U.S.Safety	151T35	151 full facepiece 158T20 (TC-23C-118) cartridges 158T15 (TC-21C-240) filters 14876 filter retainers
349	Norton	10001S 10001M	10001S or 10001M (TC-23C-349) respirator 10070 fit check cover (optional)
350	Norton	10004S 10004M	10004S or 10004M (TC-23C-350) respirator 10076 fit check/filter cover (optional)
351	USD Corp.	3201-00	3200-00 full facepiece 1001-00 (TC-23C-287) cartridges
352	Norton	10003S 10003M	10003S or 10003M (TC-23C-352) respirator 10070 fit check/filter cover (optional)
353	Norton	10002S 10002M	10002S or 10002M (TC-23C-352) respirator 100070 fit check/filter cover
354	Norton	10041S 10041M	10001S or 10001M (TC-23C-349) respirator 10056 (TC-23C-354) filter 10070 filter cover
355	Norton	10011S 10011M	10001S or 10001M (TC-23C-249) respirator 10050 (TC-23C-355) filter 10070 fit check/filter cover

Approval number TC-23C-	Approval issued to	Model Number(s)	Component parts, number(s) and description
356	Norton	10012S 10012M	10002S or 10002M (TC-23C-353) respirator 10050 (TC-23C-355) filter 10070 fit check/filter cover
357	Norton	10013S 10013M	10003S or 10003M (TC-23C-352) respirator 10050 (TC-23C-355) filter 10070 fit check/filter cover
358	Norton	10014S 10014M	10004S or 10004M (TC-23C-350) respirator 10050 (TC-23C-355) filter 10070 fit check/filter cover

OBSOLETE RESPIRATORS

The following is a list of obsolete models. NIOSH considers these models as approved, but they are not longer available from the manufacturers. All respirators in the field retain their certification.

OBSOLETE MODELS

GAS MASKS

Approval number TC-14G-	Approval issued to	Model number(s)	Respirator type	Face-piece type	Type of respiratory protection 3/ OV	Cl	SO2	CO	NH3	MA	VC	PEST	DFM	AG	M2S	PH3
91	Norton	7820, 7820S, 7820N, 7829, 7829S, 7820SN, 7829N, 7820SN	Bm	FF										X		
110	Norton	7601LN, 7601LSN	Fm	FF	X											

OBSOLETE MODELS

Supplies Air Respirators

Approval number TC-19C-	Approval issued to	Model number(s)	Respirator type	Airflow class	Regulator or valve location	Face-pieces type	Hose length ft.	Pressure range psi.
109	Norton	85117, 85104 85105, 85106 85107, 85108 85109, 86110 85111, 85112 85113, 85118 85119, 85120 85121, 85122 85123, 85124 85125, 85126	C	Cf	Bm	ON	12.5-25 50-75 100-150 175-300	8-9 10-11 12-13 17-18
110	Norton	85204, 85205 85206, 85207 85208, 85209 85210, 85211 85212, 85213 85214, 85215 85216, 85217 85218, 85219 85220, 85221 85222, 85223 85224, 85225 85226	C	Cf	Bm	FF	12.5-25 50.75 75-150 175-300	8-9 10-11 12-13 17-18

OBSOLETE MODELS

DUST, FUME AND MISTS RESPIRATORS

Approval number TC-21C-	Approval issued to	Model number(s)	Respirator type	Face-piece type 2/	No. of filters	Type of respiratory protection D	F	M	H	R	A	S	AB
163	Cesco	94R20	Rp,Fm	ON	2	X		X			X		
171	Norton	7680N 7680SN	Rp,Fm	FF	2				X				
191	Norton	7606N 7606SN	Rp, Fm	FF	2	X		X		X			
205	Norton	76075B 7607N	Rp, Fm	FF	2	X	X	X					
222	Willson	1213 1213S 1213SR	Rp, Fm	ON	2	X	X	X			X		
223	Willson	1713 1613	Rp, Fm	FF	2	X	X	X					

OBSOLETE MODELS

Chemical Cartridges

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/ OV	Cl	SO2	HCl	NH3	MA	PLE	PEST	DFM
99	Cecso	94R40	Rp, Fm	ON	2	X								
122	Norton	7542, 7542M	Rp, Fm	ON	2		X	X	X					DMA
179	Norton	75BP42 75BP42M	Rp, Bm	ON	2		X	X	X					DMA
180	Norton	7601N 7601SN	Rp, Fm	FF	2	X								
181	Norton	7603N 7603SN	Rp, Fm	FF	2	X	X	X	X					
182	Norton	7604N 7604SN	Rp, Fm	FF	2					X				
185	Norton	7611N 711SN	Rp, Fm	FF	2	X								DMA
186	Norton	7613N 7613SN	Rp, Fm	FF	2	X	X	X	X					DMA
187	Norton	7614N 7614SN	Rp, Fm	FF	2					X				DMA
188	Norton	7631N 7631SN	Rp, Fm	FF	2	X						X		

Approval number TC-23C-	Approval issued to	Model number(s)	Respirator type	Face-piece type	No. of cartridges	Type of respiratory protection 3/ OV	Cl	SO2	HCl	NH3	MA	PLE	PEST	DFM
189	Norton	7642N 7642SN	Rp, Fm	FF	2			X	X	X				DMA
190	Norton	7649N 7649SN	Rp, Fm	FF	2								X	
223 Replaced by TC-23C-117	Scott	6411-2213 6411-3213 6413-2213 6413-3213 604032-00 6411-0213	Rp,Fm	ON	2	X							X	
228	Norton	7602SN 7602N	Rp,Fm	FF	2			X	X	X				
231	Norton	7612N 7612SN	Rp, Fm	FF	2			X	X	X				DMA

NAMES AND ADDRESSES OF MANUFACTURERS AND DISTRIBUTORS

Ace Enterprises, 820 Northwest 144th St., Miami, FL 33168.

Acme Automotive Finishes, 101 Prospect Ave., Cleveland, OH 44115.

American Optical Corp., Safety Products Div., 14 Mechanic Street, Southbridge, MA 01550.

Anderson Manufacturing Co., 1014 Fox Chase Road, Rockledge, PA 19111.

Bendix Corporation, P.O. Drawer 831, Lewisburg, WV 24901.

Binks Manufacturing Co., 9201 W. Belmont Ave., Franklin Park, IL 60131.

Bowen Tools, Inc., P.O. Box 3186, Houston, TX 77001.

Browning Ferris Industries, Fannin Bank Building, Houston, TX 77025.

Bullard, E. D., Co., 2680 Bridgeway, Sausalito, CA 94965.

Cesco Safety Products, Parmelee Industries, Inc., P.O. Box 1237, Kansas City, MO 64141.

Clemco Industries, 2177 Jerrold Ave., San Francisco, CA 94124.

Clemtex, Ltd., 248 McCarthy Drive, Houston, TX 77020.

Cover, H.S. Co., 107 East Alexander St., Buchanan, MI 49107.

Defense Apparel, 285 Murphy Road, Hartford, CT 06114.

DeVilbiss Company, 300 Phillips Ave., P.O. Box 913, Toledo, OH 43692.

Dragerwerk, AG, D-24 Luebeck 1, Postfach 1339, West Germany.

Eastern Safety Equipment Co., 45-17 Pearson St., Long Island City, NY 11101.

Empire Abrasive Equipment Corp., 9990 Gantry Road, Philadelphia, PA 19115.

Encon Manufacturing Co., 4914 Dickson St., Houston, TX 77007.

Fiber-Metal, P.O. Box 248, Concordville, PA 19331.

Glendale Optical Co., 130 Crossways Park Drive, Woodbury, NY 11797.

Globe Safety Products, Inc., 125 Sunrise Place, Dayton, OH 45407.

International Safety Instruments, Inc., P.O. Box 846, Lawrenceville, GA 30246

Kelco Sales & Engineering Co., P.O. Box 422, Norwalk, CA 90650.

Key Houston, Inc., 13911 Atlanta Blvd., Jacksonville, FL 32225.

Mohawk Industrial Supply Company, P.O. Box 945, Manchester, CT 06040.

Mine Safety Appliances Co., 400 Penn Center Blvd., Pittsburgh, PA 15235.

3M Company, 3M Center, Building 230-B, St. Paul, MN 55101.

Northcott Products Co., 1826 W. Diversey Parkway, Chicago, IL 60614.

Norton Safety Products, 2000 Plainfield Pike, Cranston, RI 02920.

Nuclear Power Outfitters, P.O. Box 84, Crystal Lake, Illinois 60014

Pauli & Griffin, 137 Utah Ave., South San Francisco, CA 94080.

Pulmosan Safety Equipment Corp., 30-48 Linden Place, Flushing, NY 11354.

Rexnord Safety Products, Inc., 45 Great Valley Center, Malvern, PA 19355.

Robertshaw Controls Co., 333 North Euclid Way, Anaheim, CA 92803.

Safe-Tex, Toronto, Ontario, CANADA.

Safety and Supply Co., 5510 East Marginal Way South, Seattle, WA 98134.

Schmidt Manufacturing Inc., Houston, TX.

Scott Aviation, Division of Figgie International, Inc., Inc., 225 Erie Street, Lancaster, NY 14086.

Sellstrom Manufacturing Co., 59 E. Van Buren St., Chicago, IL 60605.

Siebe Gorman, Ltd., Chessington Surrey, ENGLAND.

Standard Safety Equipment Corp., P.O. Box 188, Palatine, IL 60067.

Stewart-Warner, Chicago, IL.

SurvivAir, Division of USD Corp., 3323 W. Warner Ave., Santa Ana, CA 92702.

Titan Abrasive Systems, Inc., P.O. Box 3, Furlong, PA 18925.

United States Safety Service, Parmelee Industries, Inc., P.O. Box 1237, Kansas City, MO 64141.

Inco, Willson Division, 2nd & Washington Sts., Reading, PA 19603.

SOUND LEVEL METERS

SOUND LEVEL METER SETS

Certification Number TC-51	Manufacturer	Sound Level Meter Model and (Part #)	Acoustical Calibrator Model and (Part #)	Required Parts (Part #)	Optional Accessories (Part #)
113	GenRad	1982 (1982-9700)	1562 (1562-9701) 1567 (1567-9701) 1986 (1986-9700) 1987 (1987-9700)	(1962-3300) Microphone (1982-0100) Instructions (1582-0100-I) Instructions or (1567-0100-C) Instructions	(1560-7551) Windscreen (1933-0220) Microphones Ext, Cable
114	GenRad	1565-8 (1565-9702)	1562 (1562-9701) 1567 (1567-9701) 1986 (1986-7700) or 1987 (1987-9700)	(1560-2133) Microphone (1565-0101F) Instructions (1562-0100-I) Instructions or (1567-0100-C) Instructions	(1560-9521) Windscreen
122	GenRad	1981-8 (1981-9750)	1562 (1562-9701) or 1567 (1567-9701) 1986 (1986-9700) 1987 (1987-9700)	(1962-3300) Microphone (1981-0110-C) Instructions (1562-0100-I) Instructions (1567-0100-C) Instructions	(1560-7551) Windscreen (1933-0220) Microphone Ext, Cable
123	GenRad	1983 (1983-9730)	1562 (1562-9701) or 1567 (1567-9701) 1986 (1986-9700) or 1987 (1987-9700)	(1983-2200) Microphone (1983-0150-A) Instructions (1562-0100-I) Instructions or (1567-0100-0) Instructions	(1560-7551) Windscreen

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